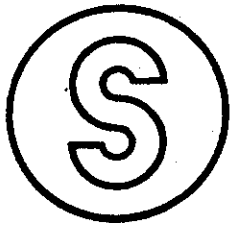
Architectural File

A file of manufacturers' catalogs compiled for the use of designers and constructors of buildings of diversified types.



Sweet's Catalog Service
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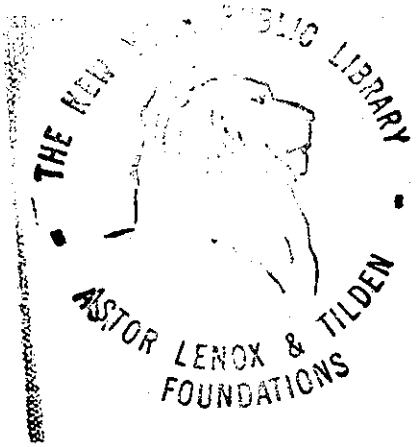

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SPECIFICATION CHART

EXTERIOR SURFACES

TYPE OF SURFACE	CONSTRUCTION	FINISH	DESCRIPTION OF SPECIFICATION	SPEC. NO.	PAGE NO.
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			Colors	1-b	4
			Lead Free or Fume Proof White	1-c	4
			Mildew Resistant White	1-d	4
			Semi-Paste White	1-e	4
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			Flat House Paint White and Colors	1-g	4
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			Semi-Paste Red	6-c	5
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Trim Adjacent to Masonry	Wood	Paint	White or Colors	8	5
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Siding, Trim, Sash, Roofs and Gutters	Metal	Paint	White & Colors	11-a	5
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			Flat (Oil Base) White or Colors	16-b	6
			Flat Stipple (Oil Base)	16-c	6
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			Eggshell (Oil Base) White or Colors	17-b	6
			Satin Finish White or Colors	17-c	6
			Semi-Gloss White or Colors	17-d	6
			Non-Yellow Gloss White Only	17-e	6
			Gloss (Alkyd) White or Colors	17-f	6
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MARTIN SENOUR PAINTS

GENERAL SPECIFICATIONS

GENERAL CONDITIONS

The painting contractor shall read and be governed by the general conditions of the contract, together with the special conditions on the painting.

INSURANCE

The painting contractor shall, at all times, carry sufficient Workmen's Compensation Insurance on his workmen and public liability and property damage insurance on the job.

The painting contractor agrees to protect the owner, general contractor and architect from all liens or damages arising from or caused by his work.

The painting contractor shall comply with Federal Social Security and State Unemployment tax laws.

SCOPE OF WORK

The following specifications cover the complete painting and finishing of all surfaces throughout the interior and exterior of the building or buildings except as otherwise specified.

The painting contractor shall furnish all of the labor, materials, tools, scaffolds and other equipment necessary to properly complete the work according to the plans and specifications.

The painting contractor shall examine the specifications for the various other trades and shall thoroughly familiarize himself with all their provisions regarding the painting. All surfaces that are left unfinished by the requirements of other specifications shall be painted or finished as part of this contract.

Copper, bronze, chromium plate, nickel, stainless steel, aluminum and Monel metal shall not be painted or finished except as otherwise specified.

The painting contractor shall be held responsible for inspecting the work of others prior to the application of paint. If surface to be finished cannot be put in suitable condition for painting by customary preparatory methods, the painting contractor shall notify the general contractor or architect in writing or assume responsibility for and rectify any unsatisfactory finishing that results.

STORAGE

A room on the premises shall be assigned to the painting contractor for the storage of his tools and materials. The painting contractor shall properly protect the floors with drop cloths or building paper. Paint shall be mixed in suitable containers and all necessary precautions shall be taken to prevent fire.

EXTRAS

No payment in addition to the amount agreed upon in his contract shall be paid to the painting contractor unless authorized in writing by the architect or his duly authorized representative.

MATERIALS

All materials required for painting shall be the brand and quality specified and shall be delivered to the building in original containers with labels intact and seals unbroken.

All materials are to be used as specified by the manufacturer's label directions.

Any necessary materials not specifically covered and specified in this contract shall be subject to the architect's approval and the contractor shall submit to the architect before any materials are delivered, the name and the brand of the materials which he proposes to use and shall receive an approval of same in writing from the architect.

All unspecified materials such as shellac, turpentine or linseed oil shall be of the "best grade" or "first line" made by reputable, recognized manufacturers, and shall bear the labels and be approved by the architect.

All colors shall be selected by the architect and tinting and matching shall be done to the satisfaction of the architect. In such cases as samples are required, they shall be executed in advance with the specified materials, for the approval of the architect.

WORKMANSHIP

All work shall be done by skilled mechanics in a workmanlike manner. All paints, stains, varnishes and other finishes must be evenly spread and flowed on, and shall be free from runs, sags or other defects. All coats shall be thoroughly dry before applying succeeding coats.

All enamel or varnish finishes which are applied to wood or metal shall be sanded between coats with fine sandpaper to produce an even, smooth finish.

Exterior painting shall not be done in rainy, damp, or frosty weather. All surfaces shall be thoroughly dry. Interior painting or finishing shall not be permitted until the building is thoroughly dried by natural or artificial heat.

All exterior and interior trim shall be back primed before installation. Tops and bottoms of upper and lower sash shall be finished the same as balance of exterior sash. Tops, bottoms and edges of doors are to be finished the same as face of doors after they are fitted by the carpenter.

All primers and undercoats shall be tinted to approximate the color of the finish coat.

The interior of all closets and cabinets shall be finished the same as the adjoining rooms unless otherwise specified.

All adjacent work and materials must be protected with suitable covers during the progress of work.

Upon completion of work, the painting contractor shall remove from the building all surplus materials, scaffolds and debris created by him and clean off all misplaced paint and varnish so as to leave his part of the work in a clean and finished condition.

PAINTING SPECIFICATIONS

SURFACE PREPARATION

Exterior Wood: All surfaces shall be free of dirt and loose or peeling paint. Knots and sap streaks shall be covered with a thin coat of Shellac. Nail holes and cracks shall be filled with putty after undercoat has been applied. Cause of any paint peeling on previously painted surfaces should first be determined and corrected before painting.

Exterior Masonry: Surface shall be free of all oil, grease, loose paint, or other foreign matter. Defective or improper previous coatings must be removed by scraping or sandblasting. Surfaces previously painted with water emulsion or water-thinned finishes should be thoroughly wire brushed. Masonry cracks shall be cleaned out and patch filled with mortar similar to the original surface and uniformly textured. **Note:** A waiting period of from 60 to 90 days shall be allowed for new brick, stucco and masonry surfaces to dry before painting.

Concrete: New concrete floors shall stand 4 to 6 months before painting and shall be neutralized by washing with a solution of three pounds of zinc sulphate to one gallon of water. Floors should be allowed to dry three days and then brushed free of crystals.

Mildew: All mildewed surfaces should be treated with a good fungicide and allowed to dry thoroughly before painting.

Efflorescence: All efflorescence shall be removed by scrubbing affected surfaces with a solution of muriatic acid (add a half pint to a pint of acid to a gallon of water), and rinsed with clear water and allowed to dry thoroughly.

Metal: All surfaces shall be absolutely clean and dry, free from wax, oil, grease or dried soapsuds. Metal surfaces shall be thoroughly cleaned with sandpaper or steel wool and thinner. All galvanized iron surfaces should be properly treated with a special chemical wash such as Galvaprep or comparable product according to the manufacturer's directions. All aluminum surfaces should be etched with Alumiprep following the label directions.

Interior Plaster, Wallboard, Wood and Masonry: All oil, grease or loose foreign matter shall be removed. Cracks and open joints shall be cut-out and properly filled. All glossy surfaces shall be wiped with Martin-Senour Bond-Tite or washed with a mild alkaline solution such as trisodium phosphate or sal soda and rinsed thoroughly. All loose, blistered or otherwise defective paint shall be removed and edges sanded smooth. Putty or spackle (tinted to approximate finish coat) all nail holes, cracks and other defects after prime coat has dried.

PAINTING SPECIFICATIONS

1. EXTERIOR WOOD SURFACES—SIDING:

a. White:

First Coat: Martin-Senour 350 Monarch Undercoat or 2629 House Paint Undercoat.

Finish Coat: Martin-Senour Monarch 100 Outside White or 2630 House Paint White.

b. Colors:

First Coat: Martin-Senour 350 Monarch Undercoat or 2629 House Paint Undercoat.

Finish Coat: Martin-Senour Monarch House Paint or Monarch 504 Tinting White or 2671 Exterior Trim and Tinting White tinted to desired shade.

c. Lead-Free or Fume Proof Paint—White:

First Coat: Martin-Senour Monarch 350 Undercoat or 2629 House Paint Undercoat.

Finish Coat: Martin-Senour 1800 Fume Proof Paint White.

d. Mildew Resistant Paint—White:

First Coat: Martin-Senour 1803 Mildew Resistant Undercoat.

Finish Coat: Martin-Senour 1804 Mildew Resistant White.

e. Exterior Semi-Paste—White:

First Coat: Martin-Senour 378 Duplex White Semi-Paste or 2653 Exterior Paste White mixed with 3 pints raw linseed oil, 3 pints Solve-X or turpentine, ¼ pint Japan Drier to a gallon of semi-paste white.

Finish Coat: Martin-Senour 378 Duplex White Semi-Paste or 2653 Exterior Paste White mixed with 1 gallon raw linseed oil and ½ pint Japan Drier to a gallon of semi-paste white.

f. One Coat Paint—White:

Finish Coat: Martin-Senour Monarch 500 One Coat White. **Note:** To be applied over previously painted surfaces in good condition only.

g. Flat House Paint—White or Colors:

First Coat: Martin-Senour 350 Monarch Undercoat or 2629 House Paint Undercoat. **Note:** When applied under a deep color tint undercoat with 1 quart of finish color (Shake Paint) to the gallon of Undercoat.

Finish Coat: Martin-Senour Shake Paint (Flat House Paint).

2. EXTERIOR WOOD SURFACES—TRIM AND SHUTTERS:

a. **Chalk-Resistant Trim Paint—White:**

First Coat: Martin-Senour Monarch 350 Undercoat or 2629 House Paint Undercoat.

Finish Coat: Martin-Senour Monarch 504 Tinting White or 2671 Trim & Tinting White.

b. **Chalk-Resistant Trim Paint—Colors:**

First Coat: Martin-Senour Monarch 350 or 2629 House Paint Undercoat.

Finish Coat: Martin-Senour Monarch Accent or Trim Colors or Monarch 504 Tinting White or 2671 Exterior Trim & Tinting White tinted to the desired shade.

3. EXTERIOR WOOD SURFACES—SHINGLES AND SHAKES—PAINTED:

a. **White and Colors:**

First Coat: Martin-Senour Shake Paint, White or Colors thinned with one pint of Solve-X or turpentine to the gallon.

Finish Coat: Martin-Senour Shake Paint, White or Colors applied full body.

4. EXTERIOR WOOD SURFACES—SHINGLES, SHAKES AND WOOD SIDING—STAINED:

a. **Brushing:**

First Coat: Martin-Senour Shingle Stain applied at package consistency.

Finish Coat: Martin-Senour Shingle Stain mixed with one pint of raw linseed oil to a gallon of stain.

b. **Dip-Coating:**

First Coat: Do not soak the shingles, but dip about two-thirds of the length of the thick end in and out of Martin-Senour Shingle Stain quickly. Allow excess stain to drain back into tank. Throw shingles into loose pile for drying.

Finish Coat: After laying shingles, apply a brush coat of Martin-Senour Shingle Stain mixed with one pint of raw linseed oil to the gallon.

5. WOOD SURFACES—PORCHES, STEPS, FLOORS AND DECKS—PAINTED:

a. **Colors:**

First Coat: Martin-Senour Floor & Trim Enamel thinned with one pint of Solve-X or turpentine to the gallon.

Finish Coat: Martin-Senour Floor & Trim Enamel applied full body.

6. EXTERIOR WOOD SURFACES—BARNS, SILOS, FENCES AND CORN CRIBS—PAINTED:

a. **White Paint (Lead free):**

First Coat: Martin-Senour 350 Monarch Undercoat or 2629 House Paint Undercoat.

Finish Coat: Martin-Senour 1800 Fume Proof Paint White.

b. **Green or Red Paint:**

First Coat: Martin-Senour Standard Barn and Roof Paint 412 Red or 420 Green, or 467 Red School House Paint thinned with one quart of raw linseed oil to the gallon.

Finish Coat: Martin-Senour Standard Barn & Roof Paint 412 Red or 420 Green or 467 Red School House Paint applied full body.

c. **Semi-Paste Paint—Red:**

First Coat: Martin-Senour 416 Double Thick Farm Paint Rich Red thinned with equal parts of raw linseed oil.

Finish Coat: Same as first coat.

7. EXTERIOR MASONRY WALL SURFACES—BRICK, STUCCO AND ASBESTOS SIDING:

Note: Do not apply over Glazed Asbestos Siding.

a. **Colors:**

First Coat: Martin-Senour Colorsol Masonry Finish mixed with equal parts of Martin-Senour 2828 Colorsol Sealer.

Finish Coat: Martin-Senour Colorsol Masonry Paint applied full body.

b. **White Only:**

First Coat: Martin-Senour Colorsol Masonry Finish 2800 White or 2815 Intense White mixed with equal parts of 2828 Colorsol Sealer.

Finish Coat: Martin-Senour Colorsol Masonry Paint 2800 White or 2815 Intense White applied full body.

8. EXTERIOR WOOD TRIM—ADJACENT TO MASONRY SURFACES:

Note: For wood trim adjacent to masonry surfaces the wood surface shall be treated as specified under Specification 2 Exterior Wood Surfaces—Trim and Shutters. However, where it is desired to have the trim and masonry surfaces both finished with the same material, Colorsol Masonry Paint may be applied. See specifications below:

First Coat: Apply Martin-Senour 350 Monarch Undercoat or 2629 House Paint Undercoat.

Finish Coat: Apply Martin-Senour Colorsol Masonry Paint White or Colors.

9. EXTERIOR METAL SURFACES—ADJACENT TO MASONRY (Downspouts, Gutters and Sash):

Note: Where it is desired to paint metal surfaces adjacent to masonry with the same material, Colorsol Masonry Paint may be used. See specifications below:

First Coat: Prime all bare metal with Martin-Senour 1630 Chromate Metal Primer or 1645 Metal Prime.

Finish Coat: Apply Martin-Senour Colorsol Masonry Paint White or Colors.

10. EXTERIOR CEMENT FLOORS—PAINTED:

a. **Colors:**

First Coat: Martin-Senour Floor & Trim Enamel thinned with one pint of Solve-X or turpentine to the gallon.

Finish Coat: Martin-Senour Floor & Trim Enamel applied full body.

11. EXTERIOR METAL—SIDING, TRIM, SASH, ROOFS AND GUTTERS—PAINTED:

a. **White or Colors:**

First Coat: Martin-Senour 1630 Chromate Metal Primer or 1645 Metal Prime.

Finish Coat: Refer to Finish Coat Specifications—1-a, 1-b, 1-c, 1-d, 1-e, 1-f, 1-g, 2-a, 2-b, 3-a, 5-a, 6-a, 6-b, 6-c, 9.

PAINTING SPECIFICATIONS

12. EXTERIOR SCREENS—PAINTED:

a. Copper Screens—Black:

First Coat: Martin-Senour Screen Enamel.

Finish Coat: Repeat first coat.

13. INTERIOR AND EXTERIOR METAL—MISCELLANEOUS—PAINTED:

a. Machinery and Implements—Colors:

First Coat: Martin-Senour 1630 Chromate Metal Primer or 1645 Metal Prime.

Finish Coat: Martin-Senour Maintenance Enamel.

b. Structural Steel and Iron—Black:

First Coat: Martin-Senour No. 1 Asphaltum Paint. Reduce 30% with Solve-X or Naphtha for spraying or dipping.

Finish Coat: Repeat first coat.

c. Aluminum—Trim, Siding, Gutters and Roofs—Painted (Aluminum):

First Coat: Martin-Senour 1630 Chromate Metal Primer or 1645 Metal Prime.

Finish Coat: Martin-Senour 1500 All Purpose Aluminum or 474 Silvery Chrome.

d. Aluminum—Trim, Siding, Gutters, Roofs—Painted (White or Colors):

First Coat: Martin-Senour 1630 Chromate Metal Primer or 1645 Metal Prime.

Finish Coat: Refer to Finish Coat Specifications 1-a, 1-b, 1-c, 1-d, 1-e, 1-f, 1-g, 2-a, 2-b, 3-a, 5-a, 6-a, 6-b, 6-c and 9.

14. INTERIOR AND EXTERIOR METAL—HEAT RESISTANT FINISHES (Up to 400° F.):

a. Black Finishes:

First Coat: Martin-Senour Gleam Iron Enamel or No. 1 Asphaltum Paint.

Finish Coat: Repeat first coat.

b. Aluminum Finishes:

First Coat: Martin-Senour 1630 Chromate Metal Primer or 1645 Metal Prime.

Finish Coat: Martin-Senour 1500 All Purpose Aluminum.

15. INTERIOR METAL—RADIATORS:

a. Factory Primed:

Finish Coat: Martin-Senour Flat, Satin or Gloss Enamel as used on adjacent wall area.

b. Unprimed:

First Coat: Martin-Senour 1630 Chromate Metal Primer or 1645 Metal Prime.

Finish Coat: Martin-Senour Flat, Satin or Gloss Enamel as used on adjacent wall area.

16. INTERIOR PLASTER, BRICK, CEMENT AND WALLBOARD-WALLS AND CEILINGS—FLAT PAINT:

a. Flat Enamel (Alkyd) White and Colors:

First Coat: Martin-Senour Pigmented Primer and Sealer or 2646 Quik-Sealer.

Finish Coat: Martin-Senour Neu-Tone Flat Enamel, White or Colors or 2600 Quik-Flat Enamel, White or tinted to the desired shade.

b. Flat Finish (Oleo-Resinous) White and Colors:

First Coat: Martin-Senour Pigmented Primer and Sealer or 2646 Quik-Sealer.

Finish Coat: Martin-Senour 2611 Flowing Flat or 2652 Super Flat, White or tinted to the desired shade.

c. Flat Stipple Finish (Oleo-Resinous) White and Colors:

First Coat: Martin-Senour Pigmented Primer and Sealer or 2646 Quik-Sealer.

Finish Coat: Martin-Senour 2612 Stippling Flat, White or tinted to the desired shade.

d. Flat Finish (Alkyd) Heavy Duty White and Colors:

First Coat: Martin-Senour Pigmented Primer and Sealer or 2646 Quik-Sealer.

Finish Coat: Martin-Senour 2695 Heavy Duty Flat, White or tinted to the desired shade.

17. INTERIOR PLASTER, BRICK, CEMENT, WALLBOARD AND WOOD—WALLS, CEILINGS AND TRIM—ENAMELS:

First Coat for Plaster, Brick, Cement and Wallboard: Martin-Senour Pigmented Primer and Sealer or 2646 Quik-Sealer.

First Coat for Wood Surfaces: Martin-Senour 32 Enamel Undercoat or 2660 Enamel Undercoat.

Note: The above First Coat Specifications apply to all of the following Enamel Finish Coat specifications.

a. Eggshell Enamel (Alkyd) White or Colors:

Finish Coat: Martin-Senour 2648 Porcelain Eggshell Enamel, White or tinted to the desired color.

b. Eggshell Enamel (Oleo-Resinous) White or Colors:

Finish Coat: Martin-Senour 2628 Satin Eggshell Enamel, White or tinted to the desired shade.

c. Satin Gloss Finish—White or Colors:

Finish Coat: Martin-Senour Glos-Tone Satin Gloss Finish 897 White or colors.

d. Semi-Gloss Enamel—White or Colors:

Finish Coat: Martin-Senour 2613 Semi-Gloss Finish, White or tinted to the desired shade.

e. Non-Yellowing Gloss Enamel (Alkyd Base)—White only:

Finish Coat: Martin-Senour Kolor-Brite 83 Super White or 2638 Porcelain Enamel White.

f. Gloss Enamel (Alkyd)—White or Colors:

Finish Coat: Martin-Senour Kolor-Brite Enamel 97 White or colors, or 2650 Quik-Dry Enamel, White or tinted to the desired shade.

g. Full Flowing Enamel (Long-Oil) White or Colors:

Finish Coat: Martin-Senour 2640 Full Flowing Enamel, White or tinted to the desired color.

h. Eggshell Stipple Finish—White or Colors:

Finish Coat: Martin-Senour 2647 Eggshell Stipple Finish, White or tinted to the desired color.

18. INTERIOR WOOD AND CEMENT FLOORS—PAINTED:

a. Enamel—Colors:

First Coat: Martin-Senour Floor & Trim Enamel thinned with one pint of Solve-X or turpentine to the gallon.

Finish Coat: Martin-Senour Floor & Trim Enamel full body.

19. INTERIOR WOOD FLOORS—VARNISHED—OPEN AND CLOSE-GRAINED WOODS:

a. All open-grained woods shall be filled with Martin-Senour Paste Wood Filler before varnishing.

b. **Gloss Varnish:**

First Coat: Martin-Senour 08000 Floor & Interior Varnish, 08003 All Purpose Spar Varnish or 2644 Floor & Interior Varnish thinned with one pint of Solve-X or turpentine to the gallon.

Finish Coat: Martin-Senour 08000 Floor & Interior Varnish, 08003 All Purpose Spar Varnish or 2644 Floor & Interior Varnish full body.

c. **Satin or Dull Varnish:**

First Coat: Martin-Senour 08000 Floor & Interior Varnish, 08003 All Purpose Spar Varnish or 2644 Floor & Interior Varnish thinned with one pint of Solve-X or turpentine to the gallon.

Second Coat: Martin-Senour 08000 Floor & Interior Varnish, 08003 All Purpose Spar Varnish or 2644 Floor & Interior Varnish full body.

Finish Coat: Martin-Senour 08030 Satin Finish Varnish or 2631 Dull Varnish full body.

20. INTERIOR WOODWORK AND FURNITURE—VARNISHED—OPEN AND CLOSE-GRAINED WOODS:

a. All open-grained woods shall be filled with Martin-Senour Paste Wood Filler before varnishing.

b. **Gloss Varnish:**

First Coat: Martin-Senour 08003 All Purpose Spar Varnish or 2635 Spar Varnish thinned with one pint of Solve-X or turpentine to the gallon.

Finish Coat: Martin-Senour 08003 All Purpose Spar Varnish or 2635 Spar Varnish applied full body.

c. **Dull or Satin Varnish:**

First Coat: Martin-Senour 08003 All Purpose Spar Varnish or 2635 Spar Varnish thinned with one pint of Solve-X or turpentine to the gallon.

Second Coat: Martin-Senour 08003 All Purpose Spar Varnish or 2635 Spar Varnish applied full body.

Finish Coat: Martin-Senour 08030 Satin Finish Varnish or 2631 Dull Varnish applied full body.

21. COUNTERS AND BAR TOPS—VARNISHED:

a. **Gloss Varnish:**

First Coat: Martin-Senour 08038 Bar Top Varnish thinned with one pint of Solve-X or turpentine to the gallon.

Finish Coat: Martin-Senour 08038 Bar Top Varnish applied full body.

22. SEATS AND PEWS—VARNISHED:

a. All open-grained woods shall be filled with Martin-Senour Paste Wood filler before varnishing.

b. **Gloss Varnish:**

First Coat: Martin-Senour 08037 Seat and Pew Varnish thinned with one pint of Solve-X or turpentine.

Finish Coat: Martin-Senour 08037 Seat and Pew Varnish applied full body.

23. NATURAL, BLOND OR PICKLED WOODS—VARNISHED:

a. **Clear Gloss**

First Coat: Martin-Senour 08005 Clear Gloss Varnish thinned with one pint of Solve-X or turpentine to the gallon.

Finish Coat: Martin-Senour 08005 Clear Gloss Varnish applied full body.

24. WOOD SURFACES—CLEAR SEALERS:

a. Hard or Soft Wood:

First Coat: Martin-Senour Penetrating Wood Sealer at package consistency.

Second Coat: Recommended **on soft woods only.** Same as preceding coat.

25. INTERIOR WOOD SURFACES—STAINED:

a. **Close-Grain Woods:**

First Coat: Martin-Senour Oil Stain.

Finish Coat: One or two coats Martin-Senour 08005 Clear Gloss Varnish, 08003 All Purpose Spar Varnish or 2635 Spar Varnish. For a dull varnished effect finish with Martin-Senour 08030 Satin Finish or 2631 Dull Varnish.

b. **Open-Grain Woods:**

First Coat: Martin-Senour Oil Stain mixed in equal parts with Martin-Senour Paste Wood Filler.

Finish Coat: Finish same as Specification 25-a, Finish Coat.

c. **Alternate—Open-Grain Woods:**

First Coat: Martin-Senour Oil Stain.

Second Coat: Martin-Senour Paste Wood Filler tinted with Oil Stain to the desired color.

Finish Coat: Finish same as Specification 25-a, Finish Coat.

DESCRIPTION OF PRODUCTS

EXTERIOR FINISHES

MONARCH HOUSE PAINT

The finest house paint available today. Manufactured to conform to the highest standards of quality and performance. Ready-mixed, easy to apply, has excellent hiding power and dries to a beautiful, durable gloss. Monarch House Paint is self-cleaning and stays bright and new looking longer because of carefully controlled chalking. The ideal finish for all exterior wood and metal surfaces.

Available in 48 colors and white.

COVERAGE: One gallon covers approximately 500 to 600 square feet, one coat.

MONARCH UNDERCOAT—WHITE

A ready-mixed first coat that is scientifically prepared to prime, hide and seal new or previously painted wood surfaces. It provides a uniform, durable foundation for the finish coat. Dries to a low, uniform luster. Used as a first coat under Monarch House Paint, it assures a long lasting, protective finish unsurpassed by any other system.

COVERAGE: One gallon covers approximately 450 to 500 square feet.

MONARCH ACCENT OR TRIM COLORS

Unexcelled for quality, brilliance, durability and protection. Answering the demand for colors which are soft in tone as well as vibrant in hue, they meet today's trend toward decorative color schemes. The long lasting chemically pure pigments and especially treated oils used in the preparation of these trim colors give them a richness as nearly permanent as it is possible to attain. They are ready-mixed and have excellent hiding and covering qualities.

COVERAGE: One gallon covers approximately 600 square feet, one coat.

DESCRIPTION OF PRODUCTS

MONARCH 500 ONE COAT WHITE

A full bodied white house paint especially formulated for one coat application over previously painted surfaces that are in good condition. This Repaint White has exceptional hiding characteristics and provides remarkable surface protection and durability. Monarch One Coat White is self-cleaning and stays white longer.

COVERAGE: Recommended spreading rate 400 to 450 square feet per gallon.

COLORSOL MASONRY FINISH

A tough, elastic exterior flat finish for all masonry wall surfaces, stucco, or weathered asbestos siding. A combination of alkyd chlorinated resin vehicles and weather-tested color pigments assure color retention. Maximum resistance to alkali, dirt, mildew, fumes and staining. Colorsol Masonry Paint offers the very best protection against damage and unsightliness from the elements of weather. Extensive research development and thorough field testing guarantee "The Most Permanent Colors Under the Sun."

Available in 144 colors and white, Reducer and Sealer.

COVERAGE: One gallon covers approximately 250 to 500 square feet, one coat.

SHAKE PAINT (Flat House Paint)

Shake paint is a revolutionary development designed for color-styling and weather-proofing rough surface lumber, shakes, and wood shingles. It can also be used on smooth wood siding where a flat house paint is desired. Especially treated oils and selected pigments are combined to produce a full bodied finish that effectively covers sharp and rough edges or smooth siding. Shake Paint has been formulated to resist mildew and extremes of weather when applied according to directions.

Available in 77 colors and white.

COVERAGE: Rough Lumber, Shakes and Shingles: Covers from 250 to 450 square feet per gallon depending upon the surface condition. **Regular Wood Siding:** Covers approximately 500 square feet.

MILDEW RESISTANT PAINT

A special exterior white, chemically treated to retard the growth of mildew. Equal in durability and appearance to Monarch House Paint. Controlling mildew on fresh paint has always presented a difficult problem in certain regions and while we cannot guarantee that a surface finished in this paint will remain free from mildew . . . it does have greater resistance to the growth of such spores. Widely used in coastal areas where moist, warm climate prevails. Can be applied on properly primed wood or metal surfaces. Available in white and undercoat.

COVERAGE: One gallon covers approximately 500 to 600 square feet, one coat.

FUME PROOF PAINT—WHITE

The ideal paint for use in coastal and industrial areas around coal mines, steel mills, oil fields and refineries where air is laden with chemical fumes. Ordinary house paint "blackens" but this product resists fumes and does not turn color. Can be used on wood or properly primed metal surfaces.

COVERAGE: One gallon covers approximately 500 to 600 square feet, one coat.

INTERIOR FINISHES

NEU-TONE FLAT ENAMEL

A self-sealing, alkyd flat enamel, possessing the non-yellowing qualities so desirable in modern decoration. Its excellent coverage and ease of application insure a uniform finish over all interior surfaces. Dries to touch in 1 hour, yet retains long "wet edge." Neu-Tone Flat Enamel has a low odor which makes year-round painting possible. It may be brushed, sprayed, or roller-coated.

Available in 288 colors and white.

COVERAGE: One gallon covers approximately 500 square feet, finish coat.

GLOS-TONE SATIN GLOSS FINISH

A fine, washable semi-lustrous, low-odor finish. Easy to apply and flows out smoothly. Glos-Tone is resistant to wear, fading and repeated washings. Recommended for use on properly primed wood, plaster, wallboard and interior masonry surfaces. May be brushed, sprayed or roller-coated. Available in 288 colors and white.

COVERAGE: One gallon covers approximately 500 square feet, one coat.

KOLOR-BRITE ENAMEL

A quick-drying, high gloss enamel for kitchens, bathrooms, woodwork, furniture, metal and interior masonry surfaces. Easy to apply, levels out smoothly and dries to a flexible, tile-like surface. Easily cleaned and retains its gloss after many washings.
Available in 185 colors and white.

COVERAGE: One gallon covers approximately 400 square feet, one coat.

PIGMENTED PRIMER AND SEALER

A superior product that does an amazing job of sealing interior surfaces, leaving them smooth and ready for the finish coat. It brushes freely and dries quickly to a tough, elastic film. May be tinted with Nu-Hue Liquid Tinting Colors or conventional Fluid Oil Colors to approximate the shade of the finish coat. Use as a first coat on plaster walls, wallboard or interior masonry surfaces.

COVERAGE: One gallon covers approximately 400 to 600 square feet.

ENAMEL UNDERCOAT

Superior results can be obtained by conditioning the surface to be enameled with this high quality undercoat. A free brushing, excellent hiding product that dries overnight and can be sanded in 18 hours. Produces a smooth bonding surface for the final coat of semi-gloss, gloss or eggshell enamel.

COVERAGE: One gallon covers approximately 400 square feet.

FLOOR AND TRIM ENAMEL

A heavy duty, multiple purpose high gloss enamel equal in durability to the best exterior finishes. Highly resistant to marks or scratches and impervious to soaps and alkaline solutions. May be applied over wood and properly prepared linoleum, metal, brick or cement.
Available in 36 colors.

COVERAGE: One gallon covers approximately 500 square feet, one coat.

MAINTENANCE ENAMEL

A high quality, full gloss, synthetic enamel with remarkable resistance to temperature changes, knocks, chipping and cracking. Flows on smoothly and dries without brush marks. Colors retain their brilliance after long use. Recommended for interior and exterior wood or metal surfaces. Ideal for farm and road implements, stores, farm and factory maintenance, engines, garden tools or interior decorative purposes. May be brushed or sprayed. Available in 23 colors.

COVERAGE: One gallon covers approximately 400 square feet, one coat.

VARNISHES

FLOOR AND INTERIOR VARNISH

An unexcelled interior varnish that will withstand an unusual amount of traffic. Full bodied, easy to apply and dries to a rich, glossy finish which is not affected by beverages, soaps, hot or cold water. Use for woodwork, floors and furniture or wherever a smooth gloss finish is desired.

COVERAGE: One gallon covers approximately 500 to 700 square feet.

ALL PURPOSE SPAR VARNISH

This high grade varnish is the most durable that can be produced by a combination of modern science and quality raw materials. It is resistant to temperature changes, acids, alcohol and alkalis and will not turn white when subjected to cold or boiling water. Retains its full gloss longer under extreme weather conditions. For all exterior and interior surfaces such as porch ceilings, doors, furniture, floors, drainboards, boats and spars.

COVERAGE: One gallon covers approximately 500 to 700 square feet, one coat.

CLEAR GLOSS VARNISH

A quick drying, water clear gloss varnish for both interiors and exteriors. Formulated with the highest quality synthetic resins that provide maximum gloss retention and flexibility. Its excellent resistance to yellowing or discoloration makes it ideal for all wood surfaces. Especially suited for natural, blond and pickled effects.

COVERAGE: One gallon covers approximately 500 to 700 square feet, one coat.

BAR TOP VARNISH

This long-wearing varnish produces the durable high gloss finish necessary to withstand repeated washings and alcohol. Made of the finest ingredients. Pale and clear in color it dries to a bright lustrous finish that will not mar or crack easily. Use on bar tops, counters, tables or wherever a spot resistant varnish is desired.

COVERAGE: One gallon covers approximately 500 to 700 square feet, one coat.

SEAT AND PEW VARNISH

Special resins and treated oils give this varnish an extra hard finish, maximum wearing qualities and the freedom from tack necessary for pews. It is pale in color, easy to apply and dries to a glossy finish that retains its luster. Use for furniture, church pews, benches, chairs or any surface where a top quality varnish is needed.

COVERAGE: One gallon covers approximately 500 to 700 square feet, one coat.

SATIN FINISH VARNISH (Rubbed Effect)

A fine, durable finish approximating the soft lustre of hand rubbed or polished surfaces. It is pale in color and dries rapidly to a hard enduring surface of unusual beauty. Can be applied over previously varnished or shellacked surfaces in good condition. Use for interior finishing . . . woodwork, furniture, counters, or wherever a hand rubbed effect is desired.

COVERAGE: One gallon covers approximately 500 to 700 square feet, one coat.

PENETRATING WOOD SEALER

Recommended for all types of wood surfaces and floors in homes, hospitals, schools, gymnasiums and stores. It is especially adaptable for use on floors subjected to heavy traffic. Dries quickly and forms an extremely tough, water and dirt resistant finish. It will not darken the wood. Easy to apply with a brush or mop.

COVERAGE: One gallon covers approximately 500 to 600 square feet, one coat.

STAINS

PENETRATING OIL STAIN

Martin-Senour Penetrating Oil Stain provides an easy way to bring out the beauty of hard or soft woods without raising the grain. Use for floors, woodwork, furniture or on any wood surface where a colorful stain is desired. Available in 169 colors.

COVERAGE: One gallon covers from 500 to 700 square feet, depending upon the porosity of the surface.

SHINGLE STAIN

A decorative and protective exterior stain that penetrates deeply into the wood to bring out the natural grain effect and guard against weathering. Use on wood shingles, roofs and siding, fence posts and half timbering on brick and stucco houses. Available in 166 colors.

COVERAGE: When brushed on shingles—one gallon covers approximately 150 square feet of surface area, one coat—100 square feet, two coats. Brushed on smooth lumber, one gallon covers approximately 250 square feet, two coats. When dipped—2½ to 3½ gallons will stain one thousand 16" shingles . . . 3 to 4 gallons per thousand 18" shingles . . . 5 to 6 gallons per thousand 24" shingles.

METAL FINISHES

CHROMATE METAL PRIMER

A superior primer that protects all metal surfaces from corrosion. It is non-bleeding and provides an excellent surface for the finish coat. Can be used under any color of paint. Has good hiding and spreading qualities and is easy to apply with brush or spray.

COVERAGE: One gallon covers approximately 500 to 600 square feet on flat work and 2½ tons of structural steel, one coat.

METAL-PRIME (Zinc Chromate Base)

Designed for use on metal surfaces, both interior and exterior. Formulated with non-bleeding pigments, it affords an excellent surface for recoating with a wide range of finish colors. An ideal product for priming metal window sash and metal doors.

COVERAGE: One gallon covers approximately 500 to 600 square feet.

ALL PURPOSE ALUMINUM PAINT

A brilliant aluminum paint . . . ready to use as it comes from the package. Applies easily and smoothly and dries to a bright finish that withstands expansion and contraction due to weather changes. May be used on interior or exterior wood or metal surfaces.

COVERAGE: One gallon covers approximately 700 square feet.

DESCRIPTION OF PRODUCTS

NU-HUE FINISHES

QUIK-FLAT ENAMEL

A synthetic, non-yellowing, quick-drying alkyd base flat for all types of interior wall surfaces, sealed or unsealed. It is extremely washable, has exceptional brushing and flowing qualities and covers most surfaces in one coat. May be brushed, sprayed or rolled. Its low odor makes year 'round painting possible. Available in 426 colors and white.

COVERAGE: One gallon covers approximately 500 square feet, finish coat.

FLOWING FLAT

An exceptionally easy brushing and high hiding oil-type flat wall paint. It has a very low sheen and does an outstanding job of one coat work. Use as white or tint with Nu-Hue Liquid Colors. Has a long "wet edge" and is preferred by painters because of its washability, easy working properties and excellent hiding power. Available in 426 colors and white.

COVERAGE: One gallon covers approximately 500 square feet, finish coat.

ODORLESS FLAT ENAMEL (Alkyd Base)

An excellent, all-purpose flat for interior walls and ceilings. Equally efficient for plaster, wallboard, brick, cement or stucco surfaces. Exclusive use of odorless type solvents and driers in the formulation of 2603 Flat Enamel make it an ideal product for painting in those areas where ordinary paint odors are objectionable — hospitals, schools, hotels, stores, homes and apartments. Its alkyd resin base assures maximum resistance against yellowing. May be brushed, rolled or sprayed. Available in 426 colors and white.

COVERAGE: One gallon covers approximately 500 square feet, finish coat.

ODORLESS FLAT WHITE (Oil Base)

A "non-glare" velvet smooth paint for walls and ceilings. Special solvents in this product eliminate all objectionable odor and make it ideal for use in hospitals, hotels, stores, apartments or homes. May be applied in tightly closed rooms, small closets or other non-ventilated areas. Long "wet-edge" assures freedom from lapping when painting large surfaces. May be brushed, rolled or sprayed. Available in 426 colors and white.

COVERAGE: One gallon covers approximately 500 square feet, finish coat.

SUPER FLAT

An excellent all purpose flat wall paint for all types of interior surfaces, sealed or unsealed. Can be used on brick, plaster, concrete or stucco. Has exceptional hiding, brushing, flowing and drying qualities. May be brushed, sprayed or rolled. Available in 426 colors and white.

COVERAGE: One gallon covers approximately 500 square feet, one coat.

HEAVY DUTY FLAT WHITE

A specially formulated flat wall paint designed for use as a general maintenance finish in schools, hospitals, offices, factories and housing projects. Its high pigment content and alkyd resin base provide the maximum in coverage, hiding power, durability and washability. Recommended for all types of interior wall surfaces where one coat performance is required. Heavy bodied, this product may be reduced with up to one quart of Solve-X, turpentine or mineral spirits to the gallon. May be tinted with Nu-Hue Liquid Colors.

COVERAGE: One gallon covers approximately 500 square feet, one coat.

STIPPLING FLAT

A full bodied flat white which dries to a pleasing low sheen. Has excellent brushing and hiding qualities. Beautiful stipple effects can be obtained by regulating the elapsed time between application of the paint and the use of the stippling brush or sponge. Available in 284 colors and white.

COVERAGE: One gallon covers approximately 450 square feet, finish coat.

QUIK-SEALER P. V. A.

An odorless, heavy duty, fast-drying sealer for all porous interior surfaces . . . plaster, wallboard, dry wall construction, masonry and brick. Easy to apply. Recommended as a first coater under flat, satin gloss or full gloss enamel.

COVERAGE: One gallon covers approximately 500 to 600 square feet.

PRIMER AND SEALER

Hides previous finishes and seals the surface perfectly, leaving it smooth and ready for finish coat. Brushes freely and dries overnight to a tough elastic film. May be tinted with Nu-Hue Liquid Colors. Use as first coat on plaster walls, wallboard and other porous interior surfaces.

COVERAGE: One gallon covers approximately 400 to 600 square feet, one coat.

SEMI-GLOSS FINISH

An odorless, full bodied alkyd finish which may be brushed or sprayed. Dries to a medium gloss. For use on walls and woodwork of bathrooms, kitchens or any interior area. One coat covers most well sealed surfaces. Available in 426 colors and white.

COVERAGE: One gallon covers approximately 500 square feet.

PORCELAIN ENAMEL

A synthetic, non-yellowing alkyd white enamel for both interiors and exteriors. Dries to an exceptionally beautiful and durable gloss finish. Tinting not recommended. One coat will cover most previously painted surfaces. White only.

COVERAGE: One gallon covers approximately 400 square feet.

SATIN EGGSHELL ENAMEL

A high hiding white enamel for walls, ceilings and woodwork where a low luster is desired. Dries to an eggshell gloss (between a flat and a semi-gloss) overnight under normal conditions. Brushes easily and has excellent flowing and leveling qualities. Available in 426 colors and white.

COVERAGE: One gallon covers approximately 500 square feet.

FULL FLOWING ENAMEL

A full bodied, easy brushing enamel formulated for the professional painter. It dries to a high luster overnight and can be used on woodwork, cabinets, bathrooms, kitchens or any interior surface where a high gloss finish is desired. This product may be readily tinted with Nu-Hue Liquid or Fluid Oil Colors. Available in 426 colors and white.

COVERAGE: One gallon covers approximately 400 square feet.

PORCELAIN EGGSHELL ENAMEL

An outstanding low-sheen alkyd enamel for woodwork, walls and furniture. Its satin smoothness and ease of application make it perfect for fine decoration. It is extremely durable, washable, non-yellowing and covers most surfaces in one coat. Available in 426 colors and white.

COVERAGE: One gallon covers approximately 500 square feet.

QUIK-DRY ENAMEL

An excellent all purpose, odorless enamel for use on walls and woodwork of kitchens, bathrooms, and surfaces which require a durable, washable, high gloss finish. Use as white or tint with Nu-Hue Liquid Colors. Available in 426 colors and white.

COVERAGE: One gallon covers approximately 400 square feet.

EGGSHELL STIPPLE FINISH

Purposely formulated to produce a satiny eggshell stipple or textured finish on all types of wall construction. Easy to apply, has unusual brushability, is extremely durable and covers most surfaces in one coat. Available in 284 colors and white.

COVERAGE: One gallon covers approximately 450 square feet.

ENAMEL UNDERCOAT

A free brushing, excellent hiding enamel undercoat. It is recommended for use under all gloss, semi-gloss and eggshell enamels. Can be tinted with Nu-Hue Liquid Colors to approximate finish coat.

COVERAGE: One gallon covers approximately 400 square feet.

DULL VARNISH

A long oil-type varnish with excellent body and pale color. It is free flowing and dries to a beautiful, soft, rubbed effect finish. Resists marring, scratching and scuffing. Recommended for interior use wherever a clear varnish with a dull sheen is desired. For best results apply Dull Varnish over a prime coat of 2635 Spar Varnish or 2644 Floor and Interior Varnish.

COVERAGE: One gallon covers approximately 500 to 700 square feet.

SPAR VARNISH

A top-quality interior and exterior spar varnish that produces a tough, high gloss, elastic film. Withstands varying weather conditions without water spotting or discoloring. It is resistant to acids, alcohol and alkalies and does not turn white when subjected to hot or cold water. Ideal for use on boats, station wagons, doors, furniture and all wood surfaces subjected to heavy wear.

COVERAGE: One gallon covers approximately 500 to 700 square feet.

FLOOR AND INTERIOR VARNISH

Provides a durable and water-resistant high-gloss finish for interior floors, woodwork and furniture. Full bodied, long oil-type, free flowing, and extremely pale in color. Has exceptional brushability even on large areas. Highly elastic, it will withstand an unusual amount of traffic.

COVERAGE: One gallon covers approximately 500 to 700 square feet.

HOUSE PAINT UNDERCOAT

A ready-mixed undercoat and sealer that conditions highly porous, unseasoned and imperfect exterior surfaces. Produces a uniform, durable and non-absorbent foundation for the finish coat. It is scientifically prepared to prime, hide and seal as no thinned-out paint can do.

COVERAGE: One gallon covers approximately 450 to 500 square feet, one coat.

EXTERIOR PASTE WHITE

A paste type outside white composed of high quality pigments ground in linseed oil. Provides a lasting finish for all exterior wood, brick, cement and stucco. Purposely formulated for the master painter who wants a quality exterior paint in soft paste consistency for handmixing. Do not tint. White only.

COVERAGE: After proper reduction one gallon covers approximately 500 to 600 square feet, one coat.

HOUSE PAINT EXTERIOR WHITE

When applied over 2629 Undercoat, 2630 Exterior White is representative of the latest, most durable type of house paint that can be manufactured. It may be used over a foundation coat of 2629 in a two-coat system or as a finish coat alone on surfaces where the previous paint is in good condition. Tinting not recommended. White only.

COVERAGE: One gallon covers approximately 500 to 600 square feet, one coat.

TRIM AND TINTING WHITE

A durable, gloss house paint recommended where a slow-chalking outside white is desired. It is particularly adapted for wood surfaces adjacent to brick, masonry, or stained finishes to minimize washing down on lower surfaces. Used in combination with Nu-Hue Liquid Colors or Colorsol Toners, Trim and Tinting White provides the perfect base for a wide range of beautiful, fade resistant colors suitable for exterior painting.

COVERAGE: One gallon covers approximately 500 to 600 square feet, one coat.

NU-HUE LIQUID TINTING COLORS

An innovation in tinting and blending . . . the most advanced scientific development in color manufacture. They have inherent characteristics not attainable in conventional colors in oil . . . liquid consistency for easy mixing, quick dispersion and accurate measurement. Distinguished by purity, high tinting strength and "true" letdown. Synthetic in structure, they insure complete control of tinting and blending properties. May be used with wall finishes, primers, undercoats, enamels, house paint or other tintable finishes.

COLOR SPECIFICATIONS

Color is an integral and important part of architectural design. As such, its precise selection, specification, and application demand a high degree of precision and color understanding by the architect and painting contractor.

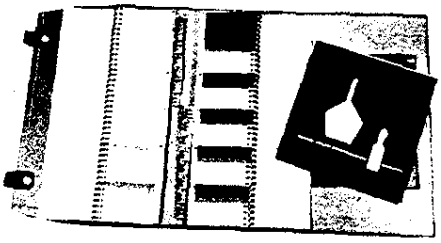
Successful color specification depends upon exact translation into actual paint colors. Martin-Senour's Nu-Hue Color Systems give specifiers and users of color a ready means to precisely fulfill these needs. Colors specified can be secured packaged ready-for-use, or field prepared from written tinting instructions. Color duplication using a minimum of basic Nu-Hue elements is rapid and accurate. Strict adherence to specifications is thereby assured. The Nu-Hue Systems provide many palettes of color and professional color tools, a few of which are pictured and described on this page.

THE NU-HUE CUSTOM COLOR DIRECTORY

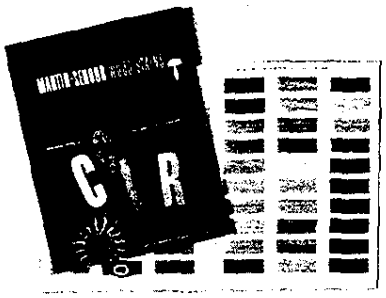
Contains actually painted 3" x 5" color chips of the 1,000 Nu-Hue Custom Colors, scientifically arranged according to hue, chroma and value. Invaluable for Architects, Decorators, Designers and all who work with color and color combinations.

THE CUSTOM FINISH CHIP PORTFOLIO

A neat, compact method for carrying color samples from shop to job, store to home, studio to office. Its attractive display of 200 Nu-Hue Custom Colors stimulates productive decorating. Made of tough Fabricoid, it fits easily in a briefcase.

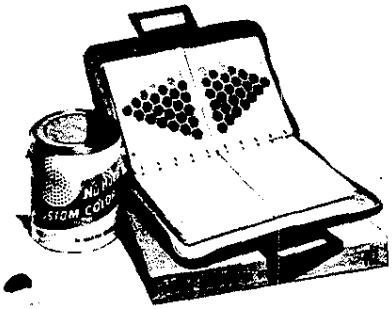


CUSTOM FINISH WOOD STAIN CATALOG



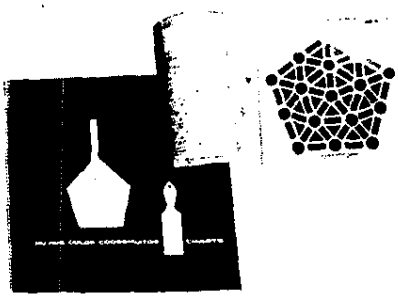
An attractive twelve page Satin Catalog containing actual wood samples of 169 colors. In addition, this catalog includes important facts about stains, easy-to-follow directions for finishing interior close-grained woods, interior open-grained woods, attaining blonde or pickled effects, and specifications for staining exterior shingles, shakes and siding.

THE COLOR HARMONY MANUAL



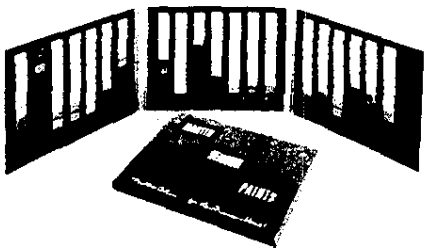
An interpretation of the Oswald system. Contains 943 color chips systematically arranged to provide a simple and easy way for obtaining color harmonies. Its colors may be matched in Nu-Hue Custom Finishes. Users of the Manual, after developing a color plan, need only check the formula number on the back of the chips to order the color in paint.

THE COLOR COORDINATOR CHARTS



Complete, easily understood, Pentagon Color Charts in seven value levels bound into an attractive 12" x 12" book. At a glance not only are 497 painted color samples seen but also the simplified mixing formulas. The 16 basic tinting colors are represented by circles. Colors mixed from equal parts of 2 basic colors are shown as rectangles. Colors mixed from equal parts of 3 basic colors are shown as triangles.

THE COLOR COORDINATOR DIRECTORY



A professional color tool of 497, 3" x 5" color samples. An eye-arresting, efficient, ring-bound directory aiding rapid and correct color selections. This handsome visual tool is, in fact a "Color Expert for Hire." The large color chips can easily be removed and replaced. Each is numbered for proper identification and replacement.

COLOR CHIP SERVICE

For use in Color Specifications, Martin-Senour maintains a complete library of replacement chips for the Custom Color Directory, Custom *Finish Chip Portfolio* and the Color Coordinator Directory.

DISTRIBUTION FACILITIES

Martin-Senour Paints are nationally available through a network of independent paint distributors and dealers. For your closest source of supply, please contact the Martin-Senour office nearest you.

THE MARTIN-SENOUR COMPANY

2520 S. QUARRY STREET • CHICAGO 8, ILLINOIS

9 EAST 56TH ST., NEW YORK 22, N.Y. • 315 W. 9TH ST., LOS ANGELES 15, CALIF.
4121 COMMERCE ST., DALLAS 26, TEXAS

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Description of Dutch Boy

PAINTS
ENAMELS
VARNISHES

HOUSE PAINTS

NOTE: See description of SHAKE PAINT and Color Gallery House Paint on page 28.

010 Primer: A high-hiding exterior paint designed for use as a first coat in a two or three coat system. Unsurpassed for priming and sealing new, unpainted wood as well as badly weathered painted surfaces. Provides a tightly adhering, uniform surface for succeeding coats. Comes in white only; may be tinted with "Dutch Boy" Tinting Colors. For specifications for use, see *Description of Coats* table, p. 20, opposite each index of coatings containing the symboy H1. Should be allowed to harden for not less than three days of good weather. Especially designed for use in a system including any of the following paints: "Dutch Boy" House Paint 110 Bright White, 111 Gloss White, House Paint in Color, Sash and Trim Colors. Allow one gallon for 500 sq. ft.

110 Bright White: A brilliant white exterior finish designed to stay clean and hold its whiteness. Possesses an effective self-cleaning action that permits natural weathering to remove dirt, keeping the finish fresh and white for a long period. Gives outstanding, long-lasting beauty and protection when used over "Dutch Boy" 010 Primer on wood, or over "Dutch Boy" red lead paint on metal. One coat of Bright White alone, applied without thinning, often gives good results over previously finished sound surfaces. For specifications for use, see *Description of Coats* table, p. 20, opposite each index of coatings containing the symbol H2. Not for tinting; if color is desired, use "Dutch Boy" House Paint 111 Gloss White (tinted) or House Paint in Color. Where upper sections to be painted are directly above surfaces other than white, use slow-chalking "Dutch Boy" House Paint 111 Gloss White. Allow one gallon for 600 sq. ft.

111 Gloss White: A brilliant, durable, slow-chalking white exterior house paint designed for use either as a white, or as a base for making any of a full range of beautiful, fade-resistant exterior tints. As a white, it is particularly recommended for use on the upper section of houses whose lower sections consist of unpainted stone, brick, other masonry, or any surface on which white pigment deposits might cause objectionable staining. As a tinting base, this paint is specially formulated to retain color when tinted; it is recommended as the exterior white tinting base for mixing with "Dutch Boy" Tinting Colors. For specifications for use, see *Description of Coats* table p. 20, opposite each index of coatings containing the symbol H3. Allow one gallon for 600 sq. ft.

115 Fume and Mildew Resistant Paint: A specially formulated exterior white house paint prepared to stay white in areas where discoloration occurs from hydrogen sulfide fumes in industrial atmospheres or from decomposing organic matter. Also resists mildew growth and consequent discoloration. Provides maximum protection and beauty for this type of paint. Requires no thinning except when used as a priming coat. For specifications for use, see *Descrip-*

HOUSE PAINTS

tion of Coats table, p. 20, opposite each index of coatings containing the symbol H4. Not recommended for tinting.

House Paint in Color (100 Series): A full range of crisp, clean tints in a top quality, ready-to-use exterior house paint. Specially engineered to assure stability in color as well as uniformity in appearance. Stays bright and clean; resists fading; provides effective beauty and protection over long periods. Delivers exceptional hiding power. Colors may be intermixed; or may be modified by a moderate addition of "Dutch Boy" Tinting Colors; or may be lightened by mixing with "Dutch Boy" House Paint 111 Gloss White. For specifications for use, see *Description of Coats* table, p. 22, opposite each index of coats containing the symbol H5. On metal surfaces, apply over "Dutch Boy" red lead paint. Allow one gallon for 600 sq. ft.

Sash and Trim Color (200 Series): A selection of highly durable, weather-resistant, long-lasting colors in a rapid drying, high gloss exterior finish. For use on structural elements such as sash, shutters, and doors, store fronts, fire escapes, fences, railings, signs, decorative metal work, etc. Unsurpassed for durability; retains both color and gloss over long periods, even after severe exposure. Provides a smooth, enamel-like finish. For specifications for use, see *Description of Coats* table, p. 22, opposite each index of coats containing the symbol H6. Good range of strong colors; can be intermixed for additional colors and tints.

011 Pure White Lead Exterior Primer: A ready-mixed exterior house paint for use as a first coat in a two-coat system where the finish coat is to be "Dutch Boy" Pure White Lead Paint. Contains no pigment except strictly pure white lead. May be tinted with "Dutch Boy" Tinting Colors. For specifications for use, see *Description of Coats*, table, p. 22, opposite each index of coats containing the symbol H8. Should be spread at rate of 400-500 sq. ft. per gallon.

116 Pure White Lead Paint: A ready-to-use exterior house paint that contains no pigment except strictly pure white lead. It provides the durability and economy of white lead, plus the convenience of a ready-to-brush product. Produces a beautiful, long-lasting surface which resists cracking and scaling. For use either as a straight white, or for tinting with "Dutch Boy" Tinting Colors. For specifications for use, see *Description of Coats* table, p. 22, opposite each index of coats containing the symbol H9. Should be spread as it comes in the can at rate of 700 sq. ft. per gallon.

Soft Paste White Lead: Pure white lead ground in linseed oil and suitable for mixing with proper vehicles. Produces a beautiful, highly protective and economical exterior paint which may be used as a straight white or tinted with "Dutch Boy" Tinting Colors. Pure white lead is also available in heavy paste form, containing no mineral spirits. For formulas for mixing and specification for use, see p. 30.

MASONRY PAINT

NOTE: See description of NALCRETE on page 28.

100 and 101 Masonry Paint: A flat, exterior finish coat paint made with a synthetic rubber base vehicle together with the highest quality, alkali resistant pigments. For

MASONRY PAINT
Continued . . .

use on all exterior masonry surfaces, except floors, exposed to the weather; especially recommended for use on outside walls of concrete, stucco, asbestos-cement shingles and siding, cinder-block and brick. Provides a waterproofing action which prevents the entrance of water and protects the surface from dampness and efflorescence. Durable and highly resistant to deteriorating action of alkali and lime in concrete. Not suitable for wooden surfaces. For specifications for use, see *Description of Coats* table, p. 22, opposite each index of coats containing the symbol H7. Available in white and in a wide range of beautiful, durable colors from the "Dutch Boy" Color Gallery.

FLOOR PAINTS

318 and 319 Concrete Floor Paint: A gloss, enamel-type finish coat made with a synthetic rubber base vehicle and the highest quality alkali resistant pigments. For use on all types of interior and exterior masonry floors, including cement and concrete. Its resistance to water and alkali makes it especially adapted for use on basement floors. Resistance to oil, grease, acids and strong cleaning compounds provides further advantages in its use on floors, as well as on dadoes and other areas, in garages, kitchens, laundries and industrial applications. Possesses excellent exterior durability. Produces a tough, hard, long-wearing coating which also resists alcohol, steam, fumes and mildew. Easy to clean; can be scrubbed repeatedly. Seals and protects masonry against water, weather, chemicals, and solvents; prevents dusting and the crumbling of cement and concrete, making it easy to keep clean and dry. Fast drying. Withstands heavy foot traffic, scuffing and severe usage. For specifications for use, see *Description of Coats* table, p. 20, opposite each index of coats containing the symbol C1. Available in an exceptional range of 112 Color Gallery hues.

Porch and Floor Enamel (300 Series): A tough, durable, high gloss finish for interior and exterior use on surfaces subject to abrasion, hard wear or weather. For use on such surfaces as wood or concrete floors, as well as railings, stairs, steps, baseboards, columns, machinery bases and metal surfaces. Possesses remarkable resistance to washing with soap and cleaning compounds. Flows on easily, levels out by itself, sets rapidly, dries in 4 to 6 hours and is hard enough to walk upon the next day. For specifications for use, see *Description of Coats* table, p. 20, opposite each index of coats containing the symbol E2. Concrete surfaces to be successfully painted should be ventilated from underneath. Good selection of colors in smart, practical shades. Allow one gallon for 500 sq. ft. of smooth surface.

VARNISHES

70-00 Exterior Marine Spar Varnish: A clear, pale spar varnish for use on all types of exterior and marine exposures. Provides a tough, elastic film which with-

VARNISHES
Continued . . .

stands extremes of heat and cold, wind, salt spray, rain and snow. It is easy to apply and dries to a full, lustrous finish which brings out the latent beauty of the grain. For specifications for use, see *Description of Coats* table, p. 22, opposite each index of coats containing the symbol V1. Allow to dry for 24 hours before subjecting to hard usage.

70-02 Interior-Exterior Spar Varnish: A tough, durable, general purpose varnish for use on outside doors and other exterior surfaces not subject to extreme exposure, as well as for finishing interior and porch floors of wood or linoleum; table tops and trim, etc. Pale in color; of good body and gloss. Resists hot, cold, fresh or salt water. Easy to apply; dries overnight to a strong, flexible finish. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol V2. May be rubbed to a dull finish and polished.

70-10 Interior Floor and Trim Gloss Varnish: A durable, clear varnish with a full high gloss, hard finish. For use on interior wood surfaces such as wood floors, interior trim, woodwork and furniture, where a quick-drying, mar-resistant finish is desired. Provides utmost protection, beauty and service. May be rubbed, polished and waxed. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol V3.

70-20 Interior Satin Finish Varnish: A pale, tough, long-lasting, semi-gloss varnish for general interior use on wood surfaces such as interior trim, woodwork and furniture. It dries to a soft, low sheen—not a gloss, and creates a clear, rich, dull, hand-rubbed effect without the labor of rubbing. Can be mixed with "Dutch Boy" Floor and Trim Gloss Varnish, described above, to obtain any intermediate degrees of gloss desired. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol V4.

COLOR GALLERY PAINTS

The "Dutch Boy" Color Gallery offers the advantage of custom *beauty at* regular *prices. Due to the Color Gallery's expansive range of ready-to-use colors, discriminating decoration is now both practicable and economical. Color Gallery paints for interior walls and woodwork, for example, come ready to use in 112 modern, appealing colors, including delicate pastels, rich intermediate shades, smart deep tones. Every color is available in a choice of alkyd resin* flat, satin *or* high lustre *enamel finishes. Exterior color styling is another service feature of the Color Gallery, with over 80 of the 112 colors also available in an outside house paint formulation. All Color Gallery finishes are of unsurpassed quality. They effectively resist soiling, water and wear, are easy to clean and may be washed repeatedly. In addition, Color Gallery Paints deliver all the advantages of custom-made colors without the uncertain results and extra expense incurred by special tinting and matching. Finally, the Color Gallery offers the convenience of immediate local delivery from the dealer. The paints are delivered ready to use.*

COLOR GALLERY PAINTS
Continued . . .

For effective color planning, the following Color Gallery aids are available at your dealer or nearest "Dutch Boy" office:

Color Gallery Studio Edition: *A useful, 11" x 9" portfolio of colors, consisting of dual packs of the 112 Color Gallery hues. Designed to help the architect and client visualize hundreds of different color combinations and effectively demonstrate the innumerable custom effects which the Color Gallery makes possible. Plastic ring binding; actetate cover. Also available in handy 3" x 5" "Pocket Edition."*

Color Gallery Miniatures (2¾" x 1¾"): *Swatches of the actual paint colors in easy to handle form for showing to clients, attaching to specifications and filing for reference. Helpful color combinations are suggested on the back of each miniature.*

11-08 and 11-09 Satin Finish Enamel: A smooth, hard, semi-gloss, alkyd resin enamel finish for use on walls, ceilings, woodwork, cabinets and fixtures. A companion product to "Dutch Boy" Flat Wall Enamel, described under FLAT WALL PAINTS; possesses equally superb quality. Produces a rich, satin-like, lustrous finish which resists soiling and wear and is readily cleaned. Comes ready to use and is easily applied with brush or roller. Odorless type: leaves no strong, lingering odor. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol E8. Available in all 112 modern, appealing colors of the "Dutch Boy" Color Gallery. The same colors are also available in "Dutch Boy" *Flat Wall Enamel* and *High Lustre Enamel.* Allow one gallon for 500 sq. ft.

12-08 and 12-09 High Lustre Enamel: A full gloss, general purpose alkyd resin enamel of unsurpassed Color Gallery quality. For use on all types of interior surfaces such as walls, woodwork, cabinets and fixtures; also suitable, in a number of colors, for use on exterior surfaces such as porch fixtures and trim. Flows on easily, levels out and dries to a smooth, hard, high gloss finish. Provides long-lasting resistance to abrasion and wear, together with maximum resistance to soiling. It is easily cleaned, withstands effects of water and washing without loss of gloss, and is especially recommended for use on large or small interior surfaces where these factors are to be met. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol E3. Available in more than 100 beautiful colors of "Dutch Boy" Color Gallery. The same colors are also available in "Dutch Boy" Satin Finish and Flat Wall Enamels. Allow one gallon for 500 sq. ft.

ENAMELS

NOTE: See description of DIAMOND WHITE, page 29.

Sparkling White Enamels—715 Gloss and 11-15 Velvet Sheen: Top quality, architectural enamel finishes for interior walls and woodwork. Available in a choice of high gloss or low sheen finishes. These extremely white finishes will retain their original whiteness over a long period. Both enamels produce a smooth, uniform finish with a tough film that resists moisture and repeated washings. Ready to use; easy to apply. Both flow on, brush freely and level out to a finish without blemish. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbols E1 and E9. For bright, strong colors of equal quality, use "Dutch Boy" Quick-Drying Enamel.

ENAMELS
Continued . . .

Satin Eggshell Enamel (500 Series): An odorless type, semi-gloss Nalkyd finish for interior use on walls, woodwork and cabinets. Especially recommended for use on surfaces where water-resistance and frequent washing are factors, as in kitchens, bathrooms and playrooms; also for use on cabinets, windows, woodwork and trim, for maximum resistance to soiling and wear. Made from Nalcolyn alkyd resins, an exclusive product of "Dutch Boy" research. Easy to apply with brush or roller. Sets slowly and is therefore ideal for painting large surfaces. Dries smooth and hard to a subdued, uniform lustre. Its odorless solvents result in no unpleasant, lingering odor. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol E5. Available in same colors as "Dutch Boy" Wonsover, described under FLAT WALL PAINTS. Colors are keyed to harmonize perfectly with each other as well as with Wonsover colors. In addition, beautiful tints are available simply by mixing equal portions of standard "Dutch Boy" Satin Eggshell colors with Satin Eggshell 512-Off White.

Interior Gloss Enamel (600 Series): A hard, high-gloss enamel finish for use on interior walls, ceilings, woodwork and trim. Provides a smooth, lustrous surface that holds its gloss and color despite water and washing. Comes ready to use; sets slowly and is easily applied on large surfaces. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol E6. Comes in colors and white.

Quick-Drying Enamel (700 Series): A fast drying, high gloss enamel designed for both practical and decorative use, indoors as well as out. For use on cabinets, woodwork, ornamental metal, fixtures and trim wherever bright color together with exceptional washability and resistance to wear and weather are desired. This top quality alkyd resin enamel is easy to apply with brush or spray; it levels itself and dries quickly to a smooth, hard, factory finish. Its film stands up for years despite repeated washing, hard usage and severe exposure, without appreciable loss of gloss or color. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol E4. Comes ready to use in a generous selection of colors; colors may be intermixed in any proportion, making available a variety to satisfy discriminating tastes. Also available in a flat, glare-free black.

FLAT WALL PAINTS

NOTE: See description of NALPLEX on page 29.

Wonsover (400 Series): A modern, odorless type, flat Nalkyd finish for interior walls and ceilings. Comes ready-mixed for use on plaster, wallboard, brick and concrete surfaces. *Nalkyd* Wonsover is made from Nalcolyn alkyd resins, an exclusive product of "Dutch Boy" research. Wonsover is easy to apply with brush or roller, and results in a finish that is exceptionally smooth, tough, hard and washable. Its dense hiding power provides a solid covering which makes it possible to cover many dark or discolored surfaces with a single coat. Completely odorless solvents preclude any unpleasant, lingering odor. Dries rapidly: the room can be put into service without delay. Its hard film resist soiling, is easy to clean and can be washed repeatedly. Available in a full selection of beautiful colors; colors are keyed to harmonize perfectly with each other, as well as with the same colors in "Dutch Boy" Satin Eggshell Enamel, described above. Combinations harmonize beautifully with each other, too.

FLAT WALL PAINTS
Continued . . .

Colors also harmonize with most popular colors used in rugs, drapery and upholstery. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol W1.

808 and 809 Flat Wall Enamel: A superb, alkyd resin flat finish coat for use on interior walls of plaster, wallboard or wood. Provides a soft, glare-free finish together with the practical utility of a tough, long-lasting, hardwearing, soil-resistant and washable surface. Comes ready to use and is easy to apply with brush or roller. Made with odorless solvents; dries with no lingering, unpleasant odor. Produces a smooth, pleasing, uniform finish with a hard, impermeable film which resists soiling and withstands the effects of hard usage, water and frequent washing. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol E7. Available in the full range of 112 modern, appealing colors of the "Dutch Boy" Color Gallery. The same colors are available in companion finishes Satin Finish Enamel and High Lustre Enamel, described on *pp.* 7-8.

PRIMERS

040 Wall Primer and Sealer: A highly efficient priming and sealing coat for interior surfaces of plaster, wallboard, hardboard, wood, brick, and concrete. Stops suction, seals firecracks and creates a uniform surface which is suitable for the application of flat, semi-gloss or gloss wall finishes. White; may be tinted with "Dutch Boy" Tinting Colors. For specifications for use, see *Description of Coats* table, p. 24, opposite each index of coats containing the symbol P1. Allow one gallon for each 600 sq. ft. of smooth plaster.

701 Enamel Undercoat: A finely ground white paint for interior use as an undercoat for enamels, semi-gloss and gloss interior paints. For use on such surfaces as woodwork, cabinets and metal; also for use on porous surfaces such as plaster, to be applied over a coat of "Dutch Boy" 040 Wall Primer and Sealer. One coat provides a foundation but two or more assure the proper hiding and smoothness necessary for a top quality finish. Due to its odorless solvents, it dries with no unpleasant odor. It levels out, fills in and dries to a hard surface that can be easily sanded. May be tinted where necessary with "Dutch Boy" Tinting Colors. Allow at least 24 hours before sanding lightly and dusting clean. For specifications for use, see *Description of Coats* table, p. 24, opposite each index of coats containing the symbol P2.

72-01 Primefast Sealer: An unusually fast-drying, odorless type vinyl latex primer and sealer for interior walls and ceilings. For use on plaster, woodwork and all porous surfaces, whether unpainted or previously finished. It bridges and seals fine cracks, effectively hides the under-surface, and produces a uniform, low gloss foundation for flat, semi-gloss and gloss finishes. Designed for quick recoating; makes it possible to complete a high quality two coat job in one day and may be used for this purpose instead of "Dutch Boy" 040 Wall Primer and Sealer. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol P3. Color is white; if tinting towards finish color is desired, use only water dispersed poster colors.

RED LEAD PROTECTIVE PAINTS for STRUCTURAL METALS

"Dutch Boy" red lead primer paints constitute a complete and unique range of protective primer coatings for structural steel, most of which conform to the requirements of recognized specifications. In addition to the general purpose metal primer and paste red lead described below, the following red lead primers are available: 050 Metal Primer; 051 Semi Quick-Drying Pure Red Lead; 052 Quick-Drying Red Lead; 053 Full Linseed Oil—Pure Red Lead; 054 Red Lead Phenolic Primer; 055 Liquid Red Lead. These paints are formula-based on the acknowledged corrosion inhibitive pigment —red lead and provide maximum dried film thickness per application. Vehicles include alkyd, phenolic and other modern resins, as well as linseed and tung oils, each selected to meet certain conditions. The range makes available a variety of drying rates together with a choice of high gloss or low gloss finishes to meet every requirement. The "Dutch Boy" finish coat paints previously described are excellent topcoats and, when used with these red lead paints, provide systems with outstanding protective qualities. Where unusual exposure conditions are involved, the writer of specifications may contact the nearest "Dutch Boy" office for technical assistance in selecting the correct primer or paint system.

030 Metal Primer: An effective rust inhibitive primer for use as a first coat on any interior or exterior metal surface, including structural steel, ornamental iron, metal roofs, gutters, leaders, fire escapes, metal sash, metal fences and railings, metal fixtures, etc. Contains "Dutch Boy" red lead, the acknowledged corrosion inhibitive pigment, together with iron oxide in a raw linseed oil-alkyd resin vehicle. Provides long, dependable protection against rust and deterioration. Comes ready to use and is easy to apply with brush, roller or sprayer. For specifications for use, see *Description of Coats* table, p. 24, opposite each index of coatings containing the symbol M1. Dries to touch in 6 to 8 hours; offers an ideal surface for subsequent painting; can be recoated in 16 hours. Color: reddish brown. Allow one gallon for 400 to 600 sq. ft., depending upon condition of surface.

Paste Red Lead: Pure red lead ground in linseed oil and suitable for mixing with proper vehicles. Produces a highly protective, economical primer paint for use on structural iron or steel. For formulas for mixing and specifications for use, see p. 30.

MISCELLANEOUS PRODUCTS

29-02 Ready-Mixed Aluminum Paint: A brilliant, high hiding, silvery metallic finish for interior and exterior surfaces. Provides long lasting protection. Comes ready for use as a finish coat on masonry such as brick, concrete, cement, etc.; also on metal surfaces such as structural or ornamental steel, galvanized metal, roofs, tanks, etc. All surfaces should be first suitably primed: see specifications for use in *Description of Coats* table, p. 20, opposite each index of coats containing the symbol A1. Due to its high quality, this paint delivers leafing qualities equal to those of paste and vehicle packaged separately, without requiring the time and effort of mixing. Allow one gallon for 600 sq. ft.

MISCELLANEOUS PRODUCTS
Continued . . .

24-56 Barn and Roof Paint: A specially formulated, long-lasting red barn paint, for general exterior use on wood and metal structures. May be used as its own primer on wood; metals, however, should be primed first with "Dutch Boy" red lead paint. For specifications for use, see manufacturer's directions on label. Allow one gallon for 600 sq. ft.

23-22 Ground Color: A natural opaque undercoat to be used before graining when the subsequent finish coat is to be lighter than the present finish.

Oil Wood Stain (23-00 Series): A group of rich, non-fading, simulated natural wood colors in oil, for use on new unfinished wood surfaces such as exterior and interior woodword, cabinets, plywood and floors. Colors penetrate deeply without raising the grain or forming streaks or laps. Uniform, full tones assure permanent beauty. Depth of tone can be controlled in application. May be finished with wax or "Dutch Boy" Varnish. For specifications for use, see *Description of Coats* table, p. 26, opposite each index of coats containing the symbol S1.

23-11 Paste Wood Filler: A heavy paste, requiring reduction, for use in filling and sealing the pores of open grained woods such as oak, walnut or mahogany. Provides a firm, smooth foundation which is ready for subsequent coats. May be tinted with "Dutch Boy" Tinting Colors or "Dutch Boy" Oil Wood Stains.

Varnish Stain (23-00 Series): A selection of high quality stains with remarkable depth of tone combined with a tough, brilliant varnish. For use on all kinds of interior woodwork, trim, floors, etc. Recommended for renewing the finish and concealing scratches and blemishes on old, worn woodwork. Dries in a few hours with a beautiful lustre that is highly durable.

Tinting Colors: A full range of the finest colors, finely ground and highly concentrated in a pure, quick-dispersing alkyd resin solution. For use in tinting paints, enamels, and lacquers. Colors mix in quickly and completely without streaking or lumping.

29-90 Screen Enamel: A high quality exterior enamel for use as a one-coat system on screen wire mesh of all kinds, as well as for use as a finish coat on the wood and steel frames of screens. Protects screens against rusting and oxidizing; prevents metal staining of adjacent surfaces; adds durability to the screen. Its smooth, hard surface resists wear and weather, sheds dirt, and will not damage curtains or drapes which touch the screen. Easily applied with a conventional screen applicator or stiff brush; will not clog fine wire mesh. For specifications for use, see *Description of Coats* table, p. 20, opposite each index of coats containing the symbol E5. Non-bleeding; contains no water-soluble extractives. Comes in high-gloss black.

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IMPORTANT: NEW PRODUCTS WITH ADDITIONAL TABLE OF COATINGS INFORMATION, SEE PAGE 28.

INTERIOR STRUCTURAL MATERIAL	ITEM	CONDITIONS TO BE MET	RECOMMENDED FINISH	NO. OF COATS	INDEX OF COATINGS: New Surfaces or Surfaces Previously Finished in Poor Condition	INDEX OF COATINGS: Previously Finished In Good Condition	DESCRIPTION OF COATS PAGE
PLASTER, WALLBOARD AND OTHER PROCESSED PANELS FABRIC MASONRY: BRICK CONCRETE CEMENT	Walls, Ceilings	All normal living or working conditions, including moisture from within rooms and frequent washing of walls, as in kitchens, bathrooms, etc.	Gloss Enamel (White or Color)	3	P1 P2 E3 Alt: P1 P2 E6		24
				2		P2 E3	26
			Semi-Gloss Enamel (White or Color)	3	P1 P2 E8 Alt: P1 P2 E5		24
				2		P2 E8 Alt: P2 E5	26
			Flat Enamel (White or Color)	3	P1 P1 E7		24
				1		E7	24
		Living conditions as in living rooms, bedrooms, corridors, working areas, etc.	Flat Paint (White or Color)	2	P1 W1		26
				1		W1	26
		Where an architectural white enamel finish is desired	Gloss Enamel (White)	3	P1 P2 E9		24
				2		P2 E9	26
			Semi-Gloss Enamel (White)	3	P1 P2 E1		24
				2		P2 E1	26
	Concrete or Cement Floors and Dadoes as in Basements, Laundries, Garages, Kitchens, Corridors, Etc.	Where resistance to alkali, acids, water, steam, grease, fumes and mildew is desired	Gloss Rubber Base Paint (Color)	2	C1 C1		24
				1		C1	24
WOOD: (ALL SPECIES—SOLIDS OR PLYWOODS)	Doors, Windows, Base, Chair Rail, Trim, Mouldings, Paneling, Plywood, Room Dividers, Closets, Cabinets	All normal living or working conditions, including moisture from within the room and frequent washing of woodwork	Gloss Enamel (White or Color)	3	P2 P2/E3 E3 Alt: P2 P2/E6 E6		26
				2	P2 E3 Alt: P2 E6	P2 E3 Alt: P2 E6	26
			Semi-Gloss Enamel (White or Color)	3	P2 E8 E8 Alt: P2 E5 E5		26
				2	Alt: P2 E5 P2 E8	P2 E8 Alt: P2 E5	26
			Flat Enamel (White or Color)	3	P1 P2 E7		24
				2	P2 E7	P2 E7	26
		Where an architectural white enamel finish is desired	Gloss Enamel (White)	3	P2 P2/E9		26
				2		P2 E9	26
			Semi-Gloss Enamel (White)	3	P2 E1 E1		26
				2		P2 E1	26
		Where a natural or stained varnish finish is desired	Gloss Varnish (Natural or Stained)	3-4	V3 V3 V3 (If to be filled and stained: F1 S1 V3 V3)		26
				2		V3 V3	26
			Semi-Gloss Varnish (Natural or Stained)	3-4	V3 V3 V4 (If to be filled and stained: F1 S1 V3 V4)		26
				2		V3 V4	26
		Where an architectural finish is desired, such as pickeled natural, bleached, etc.	See note opposite		Due to number of special effects available and various methods of attaining them, the desired finish should be first visualized in samples provided by the contractor, then specified		

KEY:

INTERIOR STRUCTURAL MATERIAL	ITEM	CONDITIONS TO BE MET	RECOMMENDED FINISH	NO. OF COATS	INDEX OF COATINGS		DESCRIPTION OF COATS PAGE
					New Surfaces or Surfaces Previously Finished in Poor Condition	Previously Finished In Good Condition	
WOOD: (ALL SPECIES — SOLIDS OR PLYWOODS) Continued . . .	Built-In Furniture	Where easy cleaning, excellent washability, and resistance to water, heat, soiling and wear are desired in an enamel or varnish finish	Gloss Enamel (White or Color)	3	P2 P2/E4 E4		26
				2		P2 E4	26
			Semi-Gloss Enamel (White or Color)	3	P2 E8 E8		26
				2		P2 E8	26
			Gloss Varnish (Natural or Stained)	3-4	V3 V3 V3 (If to be filled and stained: F1 S1 V3 V3)		26
				2		V3 V3	26
			Semi-Gloss Varnish (Natural or Stained)	3-4	V3 V3 V4 (If to be filled and stained: F1 S1 V3 V4)		26
				2		V3 V4	26
	Floors, Stairs, Treads, Risers, Platforms, Railings and Handrails	Where a natural or stained varnish finish is desired	Gloss Varnish (Natural or Stained)	3-4	V3 V3 V3 (If to be filled and stained: F1 S1 V3 V3)		26
				2		V3 V3	26
		Where a floor enamel finish in color is desired	Gloss Enamel (Color)	2	E2 E2	E2 E2	24
		Where a natural or stained varnish finish is desired for a partially exposed floor	Gloss Varnish (Natural or Stained)	3-4	V2 V2 V2 (If to be filled and stained: F1 S1 V2 V2)		26
				2		V2 V2	26
METAL	Ductwork, Metal Ceilings, Ladders, Gratings, Pit Covers, Exposed Piping, Exposed Structural Steel, Exposed Conduits and Boxes, Radiators, Radiator Enclosures, Grills, Towers, Doors, Bucks, Windows, Trim, Partitions, Lockers, Cabinets, Shelves, Base, Chair Rails, Mouldings, Machinery, Motors, Metal Stacks, Breeching, Hot Metal Surfaces	Where a protective primer together with a suitable finish coat is desired	Gloss Enamel (White or Color)	3	M1 P2 E3 Alt: M1 P2 E6		24
			Semi-Gloss Enamel (White or Color)	3	M1 P2 E8 Alt: M1 P2 E5		24
			Flat Enamel (White or Color)	3	M1 P2 E7		24
		Where no protective primer is needed	Gloss Enamel (White or Color)	3	P2 P2/E3 E3 Alt: P2 P2/E6 E6		26
				2	P2 E3 Alt: P2 E6	P2 E3 Alt: P2 E6	26
			Semi-Gloss Enamel (White or Color)	3	P2 E8 E8 Alt: P2 E5 E5		26
				2		P2 E8 Alt: P2 E5	26
			Flat Enamel (White or Color)	2	P2 E7		26
				1		E7	24
		Where an aluminum finish is desired	Metallic Paint (Aluminum)	2	M1 A1		24
				1		A1	24
		Where a bright decorative gloss enamel finish is desired	Gloss Enamel (White or Color)	3	P2 P2/E4 E4		26
				2		P2 E4	26
	Iron Stairs, Treads, Risers, Platforms, Railings, Handrails	Where a protective primer together with a floor enamel finish coat is desired; or, two enamel coats without primer	Gloss Enamel (Color)	3	M1 E2 E2		24
				2	E2 E2	E2 E2	24

Table of Coatings: EXTERIOR

IMPORTANT: NEW PRODUCTS WITH ADDITIONAL TABLE OF COATINGS INFORMATION, SEE PAGE 29.

EXTERIOR STRUCTURAL MATERIAL	ITEM	CONDITIONS TO BE MET	RECOMMENDED FINISH	NO. OF COATS	INDEX OF COATINGS: New Surfaces or Surfaces Previously Finished in Poor Condition	INDEX OF COATINGS: Previously Finished In Good Condition	DESCRIPTION OF COATS PAGE
WOOD: (ALL SPECIES — SOLIDS OR PLYWOODS)	Large Fences, Siding, Wall Shingles, Exposed Timbers, Overhangs	Normal atmospheric conditions	Gloss Paint (White)	3	H1 H2 H2		20
				2	H1 H2	H2 H2	
			Gloss Paint (Color)	3	H1 H5 H5		20
					Alt: H1 H3 H3 (tinted)		20
				2	H1 H5		20
					Alt: H1 H3 (tinted)		20
						H5 H5; Alt:	22
						H3 H3 (tinted)	20
			Gloss Pure Lead Paint (White)	3	H9 H9 H9		22
				2	H8 H9	H8 H9	22
			Gloss Pure Lead Paint (Color)	3	H9 H9 H9 (tinted)		22
				2	H8 H9 (tinted)	H8 H9 (tinted)	22
		Where white is desired in an industrial atmosphere or where mildew is prevalent	Gloss Paint (White)	3	H4 H4 H4		22
				2		H4 H4	20
		Where white is desired above brick, stone, stucco or non-white surfaces	Gloss Pure Lead Paint (White)	3	H9 H9 H9		22
				2	H8 H9	H8 H9	22
			Gloss Paint (White)	3	H1 H3 H3		20
				2	H1 H3	H1 H3	20
	Windows, Doors, Storm Sash, Trim, Shutters, Railings, Screen Frames, Trellis, Fences, Posts, Soffits, Cornices, Store Fronts	Any atmospheric condition	Gloss Paint (White or Color)	2	H1 H6		20
				1		H6	22
			Gloss Varnish (Natural or Stained)	3-4	V1 V1 V1 (if to be		22
				2	stained: S1 V1 V1 V1)	V1 V1	22
	Stairs, Railings, Platforms, Porch Floors, Sundecks	Any atmospheric condition	Gloss Enamel	3	H1 E2 E2		20
				2	H1 E2	E2 E2	20
			Gloss Varnish (Natural or Stained)	3-4	V1 V1 V1 (If to be filled		22
				2	and stained: F1 S1 V1 V1)	V1 V1	22
MASONRY: CONCRETE, BRICK, STONE, STUCCO	Siding, Concrete Walls, Soffits, Spandrels, Cinder Blocks, Concrete Blocs, Asbestos Cement Shingles	Any atmospheric condition; alkaline surface; where water proofing action is desired	Flat Rubber Base Paint (White or Color)	2	H7 H7		22
				1		H7	22
	Floors, Steps, Decks, Porches, Concrete Walks, Patio Floors, Dadoes	Any atmospheric condition; alkaline surface; foot traffic; severe service	Gloss Rubber Base Paint (Color)	2	C1 C1		20
				1		C1	20
METAL: STEEL, GALVANIZED IRON, WROUGHT IRON, ETC.	Gutters, Leaders, Stairs, Fire Escapes, Railings, Fences, Ornamental Work, Gratings Grills, Iron Covers, Doors, Windows, Trim, Skylights, Pipes, Fittings, Ladders, Hardware, Tanks, Smokestacks, Hot Metal Surfaces, Boilers, Breeching, Corrugated or Similar Walks and Roofs, Vent Stacks, Metal Housings	Normal atmospheric conditions. (For special conditions, see description of "Dutch Boy" Metal Protective Paints, page 10)	Aluminum Paint	3	M1 M1 A1		22
				2-1	M1 A1	A1	22-20
			Gloss Paint (White or Color)	3	M1 H1 H2 (H3, H4,	H2 H2 (H3,	22
				2	H5, H6 or H9 may be substituted for H2)	H4, H5, H6 or H9 may be substituted for H2)	20
			Gloss Enamel (Color)	3	M1 M1 E2		22
				2		E2 E2	20
	Wire Screens	Any atmospheric condition	Gloss Enamel (Black)	1	E5	E5	20

KEY:

____— 01 INSTRUCTIONS TO BIDDERS

The general conditions and instruction to bidders as applied on the general contract shall apply to the painting contract with equal force.

____— 02 INSURANCE

The painting contractor shall carry liability insurance and workmen's compensation for all workmen on his payroll. The painting contractor agrees to protect the general contractor from all liens or damages arising from or caused by his work.

____— 03 SCOPE OF WORK

The work to be done by the painting contractor shall include the furnishing of all material, labor, tools and equipment required to complete the painting and finishing of building (s) as specified.

____— 04 GENERAL

The painting contractor shall be completely responsible for the finish of his work and shall take all necessary steps, whether specified herein or not, to obtain and protect the required finish until final acceptance by the architect.

____— 05 MATERIALS

All materials used under painting contract shall be as manufactured by National Lead Company, except where this specification calls for a non-"Dutch Boy" coating of Federal specification or its equivalent, or other approved coating. All materials shall be delivered on the job in the original sealed containers.

All materials to be used as specified by the manufacturer's label on the package.

All unspecified brands of materials, such as shellac, linseed oil, turpentine or thinners are to be pure and of the highest quality obtainable, and shall bear the manufacturer's label on each container or package.

If the contractor desires to use materials of manufacturers other than specified, he must accompany his bid with a written request to substitute specific products of other manufacturers. This request to list each item specified, by manufacturer's name and brand; and the brand and manufacturer's name of each item to be substituted. This list to also state the price per gallon of each item and where a saving in cost is indicated the amount of saving to be deducted from the base bid. After award of the contract no substitution of materials will be permitted.

All mixing required shall be done on premises, and materials shall be thoroughly stirred. No materials shall be reduced or changed in any way except as specified.

____— 06 COLOR

All colors shall be subject to the approval of the Owner, Architect or Engineer. Tinting or matching of colors shall be done under the supervision of the Architect. In all cases a sample shall be applied on the job and the Architect must give his approval of it before work is begun. If required, three panels of each color and finish shall be prepared in advance, with the materials specified, for the approval of the Architect or Engineer.

"Of color selected" shall be understood of all coats specified herein.

Where the final coat is to be a color, the preceding coat or coats should be tinted towards the finish color, using "Dutch Boy" Tinting Colors except where indicated to the contrary. Each coat shall have a slight variation of color to distinguish it from the preceding coat.

——— 07 GENERAL

If the painting contractor considers any surface not his responsibility unsuitable for proper finish of his work, he shall notify the Architect of this fact in writing and he shall not apply any material until the unsuitable surfaces have been made satisfactory, or the Architect has instructed him to proceed.

All knots or sappy spots shall be given one coat of shellac before painting. All necessary puttying of nail holes, cracks and blemishes shall be done after priming coat has become hard and dry and before second coat is applied. On old paint the surface shall be first brushed with a wire brush or sandpapered and where it is scaling badly, shall be scraped or burned off. All greasy or oily metal surfaces shall be cleaned with solvent before applying any materials. All scale or rust shall be removed by scraping or wire brushing.

All work shall be done in a workmanlike manner by skilled mechanics. All materials shall be properly applied, leaving the finished surfaces free from drops, ridges, waves, laps and excessive brush marks. No paint, enamel or varnish shall be applied until preceding coat is thoroughly dry and hard.

No exterior painting shall be done in rainy or damp whether, and until surface is thoroughly dry. No paint shall be applied when the temperature is below 50° F or when the temperature is over 90° F.

No interior painting or finishing shall be permitted until building has been thoroughly dried out. Hardware, hardware accessories, plates, lighting fixtures and similar items shall be removed during painting operations and repositioned upon completion of each space, or shall be otherwise protected.

In general and unless otherwise specified, exterior oil paints shall be allowed to dry at least 48 hours between coats and interior paints shall be allowed to dry at least 24 hours between coats.

Enamels and varnishes shall be allowed to dry at least 48 hours between coats unless noted in the detail specifications and shall be sanded lightly between coats with No. 00 sandpaper and dusted before succeeding coat is applied. Paints shall be thoroughly stirred and kept at a uniform consistency during application and shall not be thinned in excess of the printed directions of the manufacturer. After applying paste wood fillers, excess shall be carefully and neatly cleaned from surface by rubbing across grain. All nail holes shall be filled with putty or other approved filler, tinted to match finish.

Floors, roofs and other adjacent work shall be properly protected by drop cloths or other coverings.

——— 08 CONCRETE, STUCCO AND MASONRY

Concrete, stucco, and masonry surfaces to be painted shall be prepared by removing all dirt, dust, oil and grease stains, and efflorescence, and by roughening, when necessary, to provide good adhesion for the paint. The method of surface preparation shall be left to the discretion of the contractor, provided the results are satisfactory to the Architect or Engineer. Concrete or cement floors and other masonry surfaces to be painted with rubber base or oil base paints shall be free from excessive alkali and shall be thoroughly dry before paint is applied. Rubber base paint shall be applied with a short bristle brush. Surfaces to be painted with cement-water paint shall be thoroughly dampened with a fine spray of water before application of the paint. The paint shall not be applied on a frozen or frost-covered surface. The interval between coats shall be not less than 24 hours, and the first coat shall be slightly dampened before application of the second coat. The paint shall be applied with a stiff brush, and thoroughly worked into the surface to seal all pores, cracks, and voids. The paint shall be cured by wetting the surface between coats, and at intervals for a period of not less than 2 days after the application of the finish coat. Nails and similar exposed metal occurring in concrete, or masonry surfaces shall be coated with shellac or oil paint before the cement-water paint is applied. New polyvinyl acetate masonry siding paints can be recoated after 2 hours of normal drying time.

____— 09 METALWORK

Shop-primed metalwork shall be kept clean and free from corrosion following installation. Abraded surfaces shall be retouched prior to finish painting, using the same type of paint as the priming coat.

____— 10 PLASTERWORK

It is preferred that plasterwork shall be at least 2 months old and shall be thoroughly dry, clean, and free from grit, loose plaster, and surface irregularities before paint is applied. Cracks and holes shall be repaired with patching plaster, properly keyed to the existing plaster, and sandpapered smooth. All plaster surfaces shall be tested for the presence of alkali, which, if present, shall be neutralized with a solution of zinc sulphate mixed in the proportion of 2½ to 3 pounds to a gallon of water. After drying, the precipitate shall be removed by dry brushing.

____— 11 WOODWORK

All millwork and all other woodwork, where required, shall be sandpapered before application of the primer. Small, dry, seasoned knots shall be thoroughly cleaned and scraped, and shall be given a thin coat of orange shellac varnish before the priming coat is applied. Previous to shellacking, large, open, unseasoned knots and all beads or streaks of pitch shall be heated by a blowtorch and then scraped off, or if the pitch is still soft, it shall be removed with mineral spirits or denatured alcohol. Resulting voids, if any, shall be filled with putty. Nails shall be set. Painting shall proceed only when, in the opinion of the Architect or Engineer, the wood is satisfactorily dry.

1. *Priming:* All millwork specified to be painted shall be primed on all sides before installation, with particular attention being given to the sealing of cross-grained surfaces. Woodwork other than millwork shall be primed on exposed surfaces only.

2. *Puttying and Glazing:* After the priming coat has been applied, nail holes, cracks, and other depressions shall be filled flush with putty, colored to match the finish coat, and sandpapered smooth. Putty shall be dry before subsequent painting. Glazing rabbets and beads in exterior glazed sash and doors shall be given 1 coat of exterior-primer paint before glazing.

____— 12 CLEANING

All cloths and cotton waste which might constitute a fire hazard shall be placed in metal containers or destroyed at the end of each work day. Upon completion of the work, all staging, scaffolding, and containers shall be removed from the site or destroyed in a manner approved by the Engineer. Paint spots, oil, or stains upon adjacent surfaces shall be removed and the entire job left clean and acceptable to the Architect or Engineer.

____— 13 EXTRAS

No extras should be performed without written instructions from the Architect or the Engineer.

___– 14 GENERAL

A. All surfaces to be painted are listed under "Item" in the Schedule of Coats. Each item to be painted shall be painted with the coatings represented by the index symbols which appear opposite the item in the Schedule. Each index symbol refers to the particular system of coats described in the Description of Coats table. Thus, every item to be painted shall be painted with the products and in the manner specified opposite the reference index symbols in the Description of Coats table.

B. The Description of Coats table shall be considered an integral part of these specifications.

C. Items for which painting is not indicated shall not be painted unless otherwise directed by the Architect or Engineer.

___– 15 DESCRIPTION OF COATS

The following table is the key to the Schedule of Coats (see below); as such it should accompany any painting specifications based on the present Suggested Form of Standard Painting Specifications. Extra copies of this table are available for attaching to specifications. Address requests to: National Lead Company, 111 Broadway, New York 6, N. Y.

___– 16 TYPE OF COATS

The type of coats to be applied to the indicated items shall conform with the following schedule. Index symbols refer to the Description of Coats table, section –15, of these specifications. Any item to be painted, but not listed below, shall have the type of coats selected by the Architect or Engineer.

Directions to Writer of Specifications:

To determine the recommended coatings for each item to be painted, refer to the Table of Coatings, p. 12 ff. To specify, draw up a Schedule of Coats form based on the example shown below, listing all items to be painted. Then, opposite each item, fill in the index symbols of the recommended paint system. The Schedule, when used in conjunction with the Description of Coats table, will constitute the detail specifications of the contract, and will also serve as a convenient set of instructions for the painting contractor.

Colors should be specified in the schedule by recording the numbers and names of the colors selected and by attaching a sample of each color to the Schedule. Color samples and nomenclature are available at your local "Dutch Boy" dealer, or at the nearest "Dutch Boy" office listed on the back cover.

EXAMPLE: HOUSE EXTERIOR

ITEM	INDEX OF COATINGS	COLOR OF FINISH Number Name	SAMPLE ATTACHED Yes	SAMPLE ATTACHED No	SPECIAL INSTRUCTIONS TO CONTRACTOR
Siding	H1 H2 H2	110 - Bright White		X	
Exposed Timbers	H1 H2 H2	110 - Bright White		X	
Overhangs	H1 H2 H2	110 - Bright White		X	
Windows, Doors, Trim	H1 H6	286 - Dark Green	X		
Storm Sash, Screen Frames	H1 H6	286 - Dark Green	X		
Shutters	H1 H6	286 - Dark Green	X		
Gutters, Leaders	M1 H1 H6	210 - White		X	
Wrought Iron Railing	M1 H6	290 - Black		X	
Patio Floor, Steps	C1 C1	48 - Florentine Blue	X		
Dado, Concrete Walk	C1 C1	48 - Florentine Blue	X		
Wire Screens	E5	29-90 - Black		X	
Vent Stacks	M1 H6	290 - Black		X	

INDEX OF COATINGS	TITLE AND APPLICATION		
	FIRST COAT	REDUCTION	SECOND COAT
A1	29-02 Ready-Mixed Aluminum Paint	If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	
C1	*Concrete Floor Paint*	*None*	
C1 C1	Concrete Floor Paint	1 pint turp. per. gal.	Concrete Floor Paint
E2 E2	Porch and Floor Enamel (300 Series)	1 pint turp. or min. spirits per gal.	Porch and Floor Enamel (300 Series)
E5	29-90 Screen Enamel	Small amount turp. or min. spirits, if necessary	
F1 S1 V1 V1	23-11 Paste Wood Filler	None	Oil Wood Stain (23-00 Series)
H1 E2	H.P. 010 Primer	None	Porch and Floor Enamel (300 Series)
H1 E2 E2	H.P. 010 Primer	None	Porch and Floor Enamel (300 Series)
H1 H2	H.P. 010 Primer	None	H.P. 110 Bright White
H1 H2 H2	H.P. 010 Primer	None	H.P. 110 Bright White
H1 H3	H.P. 010 Primer	None	H.P. 111 Gloss White
H1 H3 (tinted)	H.P. 010 Primer	None	H.P. 111 Gloss White (tinted)
H1 H3 H3	H.P. 010 Primer	None	H.P. 111 Gloss White
H1 H3 H3 (tinted)	H.P. 010 Primer	None	H.P. 111 Gloss White
H1 H5	H.P. 010 Primer	None	House Paint in Color (100 Series)
H1 H5 H5	H.P. 010 Primer	None	House Paint in Color (100 Series)
H1 H6	H.P. 010 Primer	None	Sash and Trim (200 Series)
H2 H2	H.P. 110 Bright White	1 pint turp. or min. spirits per gal.	H.P. 110 Bright White
H3 H3	H.P. 111 Gloss White	1 pint turp. or min. spirits per gal.	H.P. 111 Gloss White
H3 H3 (tinted)	H.P. 111 Gloss White	1 pint turp. or min. spirits per gal.	H.P. 111 Gloss White (tinted)
H4 H4	H.P. 115 *Fume & Mildew Resistant White*	1 pint turp. or min. spirits per gal.	House Paint in Color (100 Series)

IMPORTANT: New products with additional Description of Coats Table, see page 28.

OF "DUTCH BOY" PRODUCTS

REDUCTION	THIRD COAT	REDUCTION	NOTES
			Do not add oil or tinting colors to this product or mix with other types of paint; allow first coat to dry overnight
None			
None			
None	70-00 Ext. Marine Spar Varnish	None	4th Coat: Same as Third Coat, without reduction
None			
1 pint turp. or min. spirits per gal.	Porch and Floor Enamel (300 Series)	None	
None			
1 pint turp. or min. spirits per gal.	H.P. 110 Bright White	None	
None			
None			
1 pint turp. or min. spirits per gal.	H.P. 111 Gloss White	None	
1 pint turp. or min. spirits per gal.	H.P. 111 Gloss White (tinted)	None	Three to five days of good drying weather should be allowed when using H.P. 010 Primer
None			
1 pint turp. or min. spirits per gal.	House Paint in Color (100 Series)	None	
None			
None			
None			For very porous areas, raw linseed oil may also be added to first coat, in amounts up to one pint per gal.
None			
None			

INDEX COATINGS	TITLE AND APPLICATION		
	FIRST COAT	REDUCTION	SECOND COAT
H4 H4	H.P. 115 Fume & Mildew Resistant White	1 pint turp. or min. spirits per gal. and 1 pint linseed oil per gal.	H.P. 115 Fume & Mildew Resistant White
H5	House Paint in Color (100 Series)	1 pint turp. or min. spirits per gal.	House Paint in Color (100 Series)
	Sash and Trim (200 Series)	None	
	Masonry Paint	If thinner is necessary, use turp. in small amounts	
H7	Masonry Paint	1 pint "Dutch Boy" Masonry Paint Reducer per gal.	Masonry Paint
H9	011 Pure White Lead Ext. Primer	None	116 Pure White Lead Paint
H9 (tinted)	011 Pure White Lead Ext. Primer	None	116 Pure White Lead Paint (tinted)
H9 H9	116 Pure White Lead Paint	2 pints turp. or min. spirits and 1 pint linseed oil per gal.	116 Pure White Lead Paint
H9 H9 (tinted)	116 Pure White Lead Paint	2 pints turp. or min. spirits and 1 pint linseed oil per gal.	116 Pure White Lead Paint
A1	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	29-02 Ready-Mixed Aluminum Paint
H1 H2 I,H4,H5,H6 or H9 y be substituted for H2)	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	H.P. 010 Primer
M1 A1	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	030 Metal Primer (Red Leal Base)
M1 E2	030 Metal Primer (Red Lead Base)	If necessary, up to but no more than ¾ pint of turp. or min. spirits per gal.	030 Metal Primer (Red Lead Base)
V1 V1 V1	Oil Wood Stain (23-00 Series)	None	70-00 Ext. Marine Spar Varnish
V1	70-00 Ext. Marine Spar Varnish	Reduce slightly with turp. if necessary	70-00 Ext. Marine Spar Varnish
V1 V1	70-00 Ext. Marine Spar Varnish	1 pint turp. per gal.	70-00 Ext. Marine Spar Varnish

OF "DUTCH BOY" PRODUCTS

REDUCTION	THIRD COAT	REDUCTION	NOTES
1 pint turp. or min. spirits per gal.	H.P. 115 Fume and Mildew Resistant White	None	
None			For very porous areas, raw linseed oil may also be added to first coat, in amounts up to one pint per gal.
			For use on surfaces previously finished in oil type paint in good condition, color should be similar to that of previous finish; do not add oil or tinting colors or mix other types of paint with this product
None			
None			All wood to be back primed shall receive one coat of 011 Pure White Lead Ext. Primer
None			
1 pint turp. or min. spirits per gal.	116 Pure White Lead Paint	None	
1 pint turp. or min. spirits per gal.	116 Pure White Lead Paint (tinted)	None	
If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.			On repaint work, first spot prime any bare areas, allow to dry and then apply a primer coat to the entire surface Exposed exterior metals should be painted and back primed to prevent possible discoloration of painted surfaces Three to five days of good drying weather should be allowed when using H.P. 010 Primer
None	H.P. 110 Bright White (or H.P. 111 Gloss White; H.P. 115 Fume and Mildew Resistant White; House Paint in Color; Sash and Trim; 116 Pure White Lead Paint)	None	
If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	29-02 Ready-Mixed Aluminum Paint	None	
If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	Porch and Floor Enamel (300 Series)	None	
None	70-00 Ext. Marine Spar Varnish	None	4th Coat: Same as Third Coat, without reduction
None			
None	70-00 Ext. Marine Spar Varnish	None	

INDEX OF COATINGS	TITLE AND APPLICATION		
	FIRST COAT	REDUCTION	SECOND COAT
A1	29-02 Ready-Mixed Aluminum Paint	None	
C1	Concrete Floor Paint	None	
C1 C1	Concrete Floor Paint	1 pint turp. per gallon	Concrete Floor Paint
E2 E2	Porch and Floor Enamel (300 Series)	1 pint turp. or min. spirits per gal.	Porch and Floor Enamel (300 Series)
E7	Flat Wall Enamel	None	
F1 S1 V2 V2	23-11 Paste Wood Filler	None	Oil Wood Stain (23-00 Series)
F1 S1 V3 V3	23-11 Paste Wood Filler	None	Oil Wood Stain (23-00 Series)
F1 S1 V3 V4	23-11 Paste Wood Filler	None	Oil Wood Stain (23-00 Series)
M1 A1	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	29-02 Ready-Mixed Aluminum Paint
M1 E2 E2	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	Porch and Floor Enamel (300 Series)
M1 P2 E3	030 Metal Primer (Red Lead Base)	None	701 Enamel Undercoat
M1 P2 E5	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	701 Enamel Undercoat
M1 P2 E6	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	701 Enamel Undercoat
M1 P2 E7	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	701 Enamel Undercoat
M1 P2 E8	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	701 Enamel Undercoat
P1 P1 E7	040 Wall Primer and Sealer	None	040 Wall Primer and Sealer
P1 P2 E1	040 Wall Primer and Sealer	None	701 Enamel Undercoat
P1 P2 E3	040 Wall Primer and Sealer	None	701 Enamel Undercoat
P1 P2 E5	040 Wall Primer and Sealer	None	701 Enamel Undercoat
P1 P2 E6	040 Wall Primer and Sealer	None	701 Enamel Undercoat
P1 P2 E7	040 Wall Primer and Sealer	None	701 Enamel Undercoat
P1 P2 E8	040 Wall Primer and Sealer	None	701 Enamel Undercoat
P1 P2 E9	040 Wall Primer and Sealer	None	701 Enamel Undercoat

IMPORTANT: New products with additional Description of Coats Table, see page 28.

OF "DUTCH BOY" PRODUCTS

REDUCTION	THIRD COAT	REDUCTION	NOTES
			Do not add oil or tinting colors to this product or mix with other types of paint. Allow first coat to dry overnight
None			
None			
None	70-02 Interior-Exterior Spar Varnish	None	4th Coat: Same as Third Coat
None	70-10 Interior Floor and Trim Gloss Varnish	None	4th Coat: Same as Third Coat
None	70-10 Interior Floor and Trim Gloss Varnish	None	4th Coat: 70-20 Interior Satin Finish Varnish, without reduction
None			
1 pint turp. or min. spirits per gal.	Porch and Floor Enamel (300 Series)	None	
None	High Lustre Enamel	None	
None	Satin Eggshell Enamel (600 Series)	None	
None	Interior Gloss Enamel (600 Series)	None	
None	Flat Wall Enamel	None	
None	Satin Finish Enamel		
None	Flat Wall Enamel		
None	Sparkling White Enamel (11-15 Velvet Sheen)	None	
None	High Lustre Enamel	None	
None	Satin Eggshell Enamel (500 Series)	None	
None	Interior Gloss Enamel (600 Series)	None	
None	Flat Wall Enamel	None	
None	Satin Finish Enamel	None	
None	Sparkling White Enamel (715 Gloss)		

INDEX OF COATINGS	TITLE AND APPLICATION		
	FIRST COAT	REDUCTION	SECOND COAT
P1 W1	040 Wall Primer and Sealer	None	Wonsover (400 Series)
P2 E1	701 Enamel Undercoat	None	Sparkling White Enamel (11-15 Velvet-Sheen)
P2 E1 E1	701 Enamel Undercoat	None	Sparkling White Enamel (11-15 Velvet-Sheen)
P2 E3	701 Enamel Undercoat	None	High Lustre Enamel
P2 E4	701 Enamel Undercoat	None	Quick-Drying Enamel (700 Series)
P2 E5	701 Enamel Undercoat	None	Satin Eggshell Enamel (500 Series)
P2 E5 E5	701 Enamel Undercoat	None	Satin Eggshell Enamel (500 Series)
P2 E6	701 Enamel Undercoat	None	Interior Gloss Enamel (600 Series)
P2 E7	701 Enamel Undercoat	None	Flat Wall Enamel
P2 E8	701 Enamel Undercoat	None	Satin Finish Enamel
P2 E8 E8	701 Enamel Undercoat	None	Satin Finish Enamel
P2 E9	701 Enamel Undercoat	None	Sparkling White Enamel (715 Gloss)
P2 P2 E3 E3	701 Enamel Undercoat	None	701 Enamel Undercoat intermixed in equal parts with the finish coat enamel
P2 P2 E4 E4	701 Enamel Undercoat	None	
P2 P2 E6 E6	701 Enamel Undercoat	None	
P2 P2 E9 E9	701 Enamel Undercoat	None	
P3 (See note)	72-01 Primefast Sealer	None	
S1 V2 V2 V2	Oil Wood Stain (23-00 Series)	None	70-02 Interior-Exterior Spar Varnish
S1 V3 V3 V3	Oil Wood Stain (23-00 Series)	None	70-10 Interior Floor and Trim Gloss Varnish
S1 V3 V3 V4	Oil Wood Stain (23-00 Series)	None	70-10 Interior Floor and Trim Gloss Varnish
V2 V2	70-02 Interior-Exterior Spar Varnish	Small amount of turp. if necessary	70-02 Interior-Exterior Spar Varnish
V3 V3	70-10 Interior Floor and Trim Gloss Varnish	None	70-10 Interior Floor and Trim Gloss Varnish
V3 V4	70-10 Interior Floor and Trim Gloss Varnish	None	70-20 Interior Satin Finish Varnish
W1	Wonsover (400 Series)	None	

IMPORTANT: New products with additional Description of Coats Table, see page 28.

OF "DUTCH BOY" PRODUCTS			NOTES
REDUCTION	THIRD COAT	REDUCTION	
None			
None			
None	Sparkling White Enamel (11-15 Velvet Sheen)		
None			
None			
None			
½ pint turp. or min. spirits per gal.	Satin Eggshell Enamel (500 Series)	None	
None			
None			
None			
½ pint turp. or min. spirits per gal.	Satin Finish Enamel	None	
None			
None	High Lustre Enamel	None	
	Quick-Drying Enamel (700 Series)	None	
	Interior Gloss Enamel (600 Series)	None	
	Sparkling White Enamel (715 Gloss)	None	
			72-01 Primefast Sealer may be substituted for 040 Wall Primer and Sealer whenever second coat application on same day is desired
1 pint turp. per gal.	70-02 Interior-Exterior Spar Varnish	None	4th Coat: Same as Third Coat
None	70-10 Interior Floor and Trim Gloss Varnish	None	4th Coat: Same as Third Coat
None	70-10 Interior Floor and Trim Gloss Varnish	None	4th Coat: 70-20 Interior Satin Finish Varnish without reduction. This may be intermixed with the Floor & Trim Gloss Varnish to obtain any intermediate degree of gloss desired
None			
None			
None			2nd Coat: Interior Floor and Trim Gloss Varnish may be intermixed with the Satin Finish Varnish to obtain any intermediate degree of gloss desired

Description of *Dutch Boy* paints and enamels . . .

HOUSE PAINT

118 and 119: Two tinting base house paints for use with "Dutch Boy" Color Gallery Colors increases the selection range of house paint colors by more than eighty. The descriptive qualities are the same as detailed under "Dutch Boy" House Paint in Color (100 series) on page 4.

***Shake Paint* (24-00 Series):** A flat exterior house paint, specifically formulated for use on wood surfaces of shakes, shingles and other rough textured wood siding materials. Made of specially processed linseed oil combined with highest quality lead, titanium and colored pigments. A solid hiding paint that retains flexibility of film and will not crack or scale. For specification for use, see Description of Coats Table below, opposite each index of coatings containing the symbol H 10. Available in Intense White and 12 popular colors.

MASONRY PAINT

Nalcrete (55-00 Series): An emulsion type exterior paint with the resin binder a compound of polyvinyl acetate. Excellent protective properties relative to moisture problems inherent with porous masonry construction. Allows trapped moisture vapor to escape but stops outside moisture from penetrating, thus eliminating blistering and peeling. For all exterior masonry surfaces of concrete, stucco, brick, asbestos shingles, etc. No primer is needed, dry in 1 to 2 hours to a flat finish of uniform color and sheen regardless of surface porosity or composition. Can be applied over fresh masonry. Will not saponify, oxidize, or chalk. For specification for use, see Description of Coats Table below, op-

INTERIOR STRUCTURAL MATERIAL	ITEM	CONDITIONS TO BE MET	RECOMMENDED FINISH	NO. OF COATS	INDEX OF COATINGS: New Surfaces or Surfaces Previously Finished in Poor Condition	INDEX OF COATINGS: Previously Finished in Good Condition	DESCRIPTION OF COATS PAGE
PLASTER WALLBOARD AND OTHER PROCESSED PANELS	Walls, Ceilings	All normal living or working conditions, including moisture from within rooms and frequent washing of walls, as in kitchens, bathrooms, etc.; and an intense white enamel finish is desired.	Diamond White Enamel	3	P1, P2, E10		28
				2		P2, E10	28
		Living conditions as in living rooms, bedrooms, corridors, working areas, etc.; and a self priming, washable, flat finish is desired.	Nalplex Flat	2	X10, X10		28
				1		X10	28
WOOD: (ALL SPECIES— SOLIDS OR PLYWOODS)	Doors, Windows, Base, Chair Rail, Trim, Mouldings, Paneling, Plywood, Room Dividers, Closets, Cabinets	All normal living or working conditions, including moisture from within rooms and frequent washing of walls, as in kitchens, bathrooms, etc.; and an intense white enamel finish is desired.	Diamond White Enamel	3	P1, P2, E10		28
				2		P2, E10	28

STANDARD PAINTING SPECIFICATIONS

INDEX OF COATINGS	TITLE AND APPLICATION: FIRST COAT	REDUCTION	SECOND COAT
P1, P2, E10	040 Wall Primer and Sealer	None	701 Enamel Undercoat
P2, E10	701 Enamel Undercoat	None	717 Diamond White Enamel
X10, X10	Nalplex Flat (72-00 Series)	None	Nalplex Flat (72-00 Series)
X10	Nalplex Flat (72-00 Series)	None	
H10, H10	Shake Paint (24-00 Series)	1 pt. Linseed Oil per gal. (See Note)	Shake Paint (24-00 Series)
H10,	Shake Paint (24-00 Series)	None	
N11, H11	Nalcrete Paint (55-00 Series)	1 qt. Water per gal.	

NOTE: These two pages cover description, selection and specification of five new paints recently added to our line. See page 3 through 27 for complete information on all other products.

posite each index containing the symbol H11. Available in 14 styled colors plus 6 additional tinting colors for deep mass colors.

ENAMEL

717 Diamond White: A high gloss interior enamel of an exceptionally brilliant blue-white. Made with pure alkyd resin and particularly formulated to retain it's gloss and not to turn yellow under normal conditions. For use on all interior walls and woodwork as a finish coat where the degree of whiteness is of prime consideration. A gleaming non-porous finish that resists moisture and repeated washings. For specification for use, see Description of Coats Table below, opposite each index containing the symbol E10. For additional white, as well as colored enamels, see pages 7 and 8.

FLAT WALL PAINT

Nalplex (72-00 Series): An odorless, flat, interior wall paint made with new Nacrylin, an acrylic latex, exclusive product of "Dutch Boy" research, combined with the highest quality titanium and colored pigments. It is a one-coat finish, no special primer needed. It can be directly applied to painted, unpainted or wallpapered surfaces of plaster, wallboard, etc.; without any effect from the lime in plaster. Extremely high hiding, dries in 1 to 2 hours and has good washability. For specification for use see Description of Coats Table below, opposite each index containing the symbol X 10. Available in White, Off White and 15 colors selected from the "Dutch Boy" Color Gallery of colors. Matching colors also available in "Dutch Boy" Satin Finish and High Lustre Enamels.

EXTERIOR STRUCTURAL MATERIAL	ITEM	CONDITIONS TO BE MET	RECOMMENDED FINISH	NO. OF COATS	INDEX OF COATINGS		DESCRIPTION OF COATS PAGE
					New Surfaces or Surfaces Previously Finished in Poor Condition	Previously Finished in Good Condition	
WOOD: (ROUGH TEXTURED MATERIALS)	Wooden Walls of Shakes, Shingles, Rustic Wood Sidings.	Normal atmospheric conditions.	Shake Paint	2	H10, H10	H10, H10	28
				1		H10	28
MASONRY: CONCRETE, BRICK, STONE, STUCCO	Siding: Concrete Walls, Soffits, Spandrels, Cinder Blocks, Concrete Blocks, Asbestos Cement Shingles.	Any atmospheric condition; alkaline surface; where protection and decoration is desired.	Nalcrete Paint	2	H11, H11	H11, H11	28

OF "DUTCH BOY" PRODUCTS			NOTES
REDUCTION	THIRD COAT	REDUCTION	
None	717 Diamond White Enamel	None	
None			
None			Do not add oil or tinting colors to this product or mix with other types of paint; allow first coat to dry 4 or more hours.
None		New or unpainted surfaces or old painted surfaces badly weathered, reduce first coat as stated and allow to dry at least 48 hours. Old painted surfaces in good condition, reduce first coat with one pint mineral spirits or turpentine per gal. and allow to dry at least 24 hours. Pre-painted surfaces in excellent condition, one coat, no reduction.	
		If surface is "chalky," wire brushing or in extreme cases sand blasting will be advisable before painting.	

F

Dutch Boy

1d to 12d

MATERIALS	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d
"DUTCH BOY" SOFT PASTE WHITE LEAD* LBS.	100	100	100	100	100	100	100	100	100	100	100	100
"DUTCH BOY" LINSEED OIL GALS.	4	1½	3¼	2		2	2½	1½	5	3		4
PURE TURPENTINE GALS.	2	1½		1		2	1¼	½	¾	1		¾
"DUTCH BOY" LIQUID DRIER** PTS.	1	1	1	1		1	1	1	1	1		1
VARNISH GALS.								¾				
"DUTCH BOY" LEAD MIXING OIL GALS.					3						4	
"DUTCH BOY" RAW UMBER PTS.								¼				
GALLONS OF PAINT PRODUCED	9⅜	6⅜	6⅝	6⅜	7¼	7⅜	7⅛	6⅛	9⅛	7⅜	7¼	8⅛

13d to 28d, A-1 and A-5

MATERIALS	13d	14d	15d	16d	18d	19d	20d	21d	22d	A-1	28d	A-5
"DUTCH BOY" SOFT PASTE WHITE LEAD* LBS.	100	100	100	100	100	100	100	100	100			
"DUTCH BOY" PASTE RED LEAD LBS.										100	100	25
"DUTCH BOY" LINSEED OIL GALS.	2½				3	½	¾	2		2¼	2¼	3¼
PURE TURPENTINE OR MINERAL SPIRITS GALS					2	2¼	¾			1 Pt.	1 Pt.	3 Pts.
"DUTCH BOY" LIQUID DRIER** PTS.					1	½	½		¼	1	1	3
VARNISH GALS.							1¼					
"DUTCH BOY" LEAD MIXING OIL GALS.	2½	4	2					2				
"DUTCH BOY" FLATTING OIL GALS.				1½					1¼			
"DUTCH BOY" WALL PRIMER GALS.												
"DUTCH BOY" LAMPBLACK GALS.											¾ Pt.	1¾
"DUTCH BOY" C. P. PRUSSIAN BLUE PTS.												5
DRY WHITING LBS.									22			
GALLONS OF PAINT PRODUCED	8¼	7¼ to 8¼	5¼	4¾	8⅜	6	6	7¼	5½	4¾	4⅞	7

*HEAVY PASTE — If heavy paste is used, add 1 quart of turpentine to all formulas except 5d, 11d, 13d, 14d, 15d, 16d, 21d.

**When boiled linseed oil is used, omit drier except in Formula A-5 where it should be reduced to 2 pints.

A Dutch Boy

EXTERIOR WOOD

Three coat work—unpainted wood

(a) All unpainted wood shall receive a primer using *Formula 1d;* a second coat using *Formula 2d;* and a finish coat using *Formula 3d.*

Two coat work—unpainted wood

(b) All unpainted wood shall receive a primer using *Formula 3d;* and a second coat using *Formula 3d.*

Previously painted wood

(c) All previously painted wood shall receive a first coat using *Formula 6d;* and a finish coat using *Formula 3d.*

Back priming—unpainted wood

(d) All wood to be back primed shall receive one coat using *Formula 3d.*

EXTERIOR WOOD SHINGLES

Three coat work—unpainted wood shingles

(a) Unpainted wood shingles shall receive a primer using *Formula 1d;* a second coat using *Formula 4d;* and a finish coat using *Formula 5d* (flat) or *Formula 3d* (gloss).

Two coat work—unpainted wood shingles

(b) Unpainted wood shingles shall receive a primer using *Formula 21d;* and a finish coat using *Formula 5d* (flat) or *Formula 3d* (gloss).

Previously painted wood shingles

(c) Previously painted wood shingles shall receive a first coat using *Formula 7d;* and a finish coat using *Formula 5d* (flat) or *Formula 3d* (gloss).

EXTERIOR MASONRY

(a) Unpainted common brick shall receive a primer using *Formula 9d;* a second coat using *Formula 10d;* and a finish coat using *Formula 11d* (flat) or *Formula 3d* (gloss) or "Dutch Boy" Pure White Lead Paint—Outside White (gloss).

(b) Unpainted face or de-aired brick shall receive a primer using *Formula 12d;* a second coat using *Formula 7d;* and a finish coat as specified in paragraph (a) above.

(c) Unpainted stucco‡, concrete and stone shall receive a primer using *Formula 13d;* a second coat using *Formula 5d;* and a finish coat as specified in paragraph (a) above.

(d) Brick, stucco, stone and concrete previously painted with an oil paint†† shall be primed in bare spots using *Formula 13d,* and shall receive a first coat using *Formula 13d;* and a finish coat as specified in paragraph (a) above.

A Dutch Boy

EXTERIOR METAL

(a) All unpainted metal shall receive a primer using *Formula A-1;* a second coat using *Formula 28d;* and a finish coat using *Formula A-5* (Black) or *Formula 3d* (White Lead Paint) tinted to the desired color.***

(b) Previously painted metal shall be spot primed using *Formula A-1,* and shall receive a first coat using *Formula 28d;* and a finish coat as specified in paragraph (a) above.

INTERIOR METAL

(a) Unpainted interior metal shall receive a priming coat using *Formula A-1;* a second coat using *Formula 20d;* and a flat finish coat using *Formula 5d* or "Dutch Boy" Wonsover (see Note A).

(b) Previously painted interior metal shall be spot primed using any one of the priming coat paints listed in paragraph (a) above and shall receive a first coat using *Formula 20d;* and a flat-finish coat using *Formula 5d* (see Note A).

***If a white or very light finish coat is desired, a white lead paint rather than a red lead paint should be used for the first coat in repainting and the second coat over unpainted metal. For this purpose, specify *Formula 2d,* tinting the paint slightly with raw umber or lampblack.

NOTE A: Alternate Finish Coats: If other than a flat finish is wanted, any one of the following finish coats may be specified in lieu of *Formula 5d:* Flat Paint for Regular Stipple, *Formula 15d;* Flat Paint for Sharp Stipple, *Formula 16d;* Plastic Paint, *Formula 22d;* Gloss, *a prepared enamel.*

Guide to SHERWIN-WILLIAMS Products and Specifications

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* SPECIFICATION SUPPLIED ON REQUEST

SWP Exterior Paint

SWP is the brand name of Sherwin-Williams' exterior paint. This nationally famous product, with other S-W quality paints, for protection of exterior wood and masonry, assures the architect of maximum durability and economy on all types of exterior surfaces.

SWP Undercoater 450

Ready-to-use SWP Undercoater 450 primes and seals badly weathered surfaces or unpainted wood and uniforms weathered and sheltered surfaces. It dries to a dull finish that bonds perfectly with the final paint coat. This material is extremely opaque, which insures good covering, and its special formulation gives it particularly strong adhesive qualities.

SWP One-Coat White 476

A special formulation of SWP for a one-coat job over previously painted surfaces in good condition. It comes in white only and should not be tinted or mixed with other paints. For best results, use only over light colors —white, ivory, cream or light gray.

SWP Trim and Tinting White

The ideal white for painting trim where the body of the house is painted a different color, or is brick or stone construction. Its chalk resistant pigmentation makes it most desired for such surfaces. It is also the recommended base for making light tints with the addition of Kem Tinting Colors, S-W First Quality Colors* or with regular SWP colors.

SWP Fume Resisting White 436

In some localities fumes from factories, oil refineries, chemical plants, coal furnaces and decaying seaweed discolor ordinary white lead and oil paints. SWP Fume Resisting White 436 and S-W Gas & Fume Resisting Paints are formulated with special pigments and vehicles to give protection against discoloration from this cause.

Mildew Resistant Additive

Sherwin-Williams Mildew Resistant Additive is for use in areas where mildew is prevalent and extra protection is needed against discoloration. When using SWP House Paint, always add Mildew Resistant Additive to the undercoat as well as succeeding coats. SWP Trim Colors possess mildew resisting qualities and, therefore, do not require Mildew Resistant Additive.

SWP Exterior Velvet Flat Paint

Especially designed for use on stucco, cement block, brick, masonry, wood shingle, shake, rough lumber and asbestos shingle. It is not recommended for the painting of roofs. This companion product to SWP Gloss House Paint produces a beautiful, long-lasting exterior velvet flat finish most preferred for stucco and shake surfaces.

SWP Primer No. 61

Primer No. 61 primes and seals new or weathered stucco, concrete, brick, cement block, asbestos shingles and other masonry surfaces. It is highly resistant to alkali and when properly applied produces an excellent primer for these surfaces.

S-W Concrete Floor Primer

For use on new or unpainted concrete floors as an undercoat for S-W Porch & Floor Enamel. It resists the alkali, always present in concrete, which attacks oil paints and enamels.

Shingle Stain

S-W Shingle Stain is designed for use on wood shingles where a stain rather than a painted finish is desired. Formulated from special oils, it adds to the life of the shingles as well as providing decorative value.

Other Exterior Products

S-W Porch and Floor Enamel
S-W Enameloid (Interior and Exterior Enamel)
S-W Rexpar Varnish (Interior and Exterior Varnish)
S-W Sher-Gide (Traffic Zone Paint)

*Dragon Red and Rose Lake colors, not recommended for exterior use.

Covering Capacity

The architect and engineer are vitally concerned with the ultimate service a paint film gives both in appearance and protective qualities. Brushing a paint out to its maximum coverage per gallon is not always consistent with long-time durability. True economy requires the maximum in protection over a long period and can only be obtained when paint is applied to an *adequate* thickness. The recommended average spreading rate is as follows:

On New Wood—3 Coats	
First Coat—SWP Undercoater 450	450-500 sq. ft. per gal.
Second Coat—SWP House Paint	500 sq. ft. per gal.
Third Coat—SWP House Paint	550 sq. ft. per gal.
On New Wood—2 Coats	
First Coat—SWP Undercoater 450	450-500 sq. ft. per gal.
Second Coat—SWP House Paint	500 sq. ft. per gal.
On Previously Painted Wood—2 Coats	
First Coat—SWP Undercoater 450	500 sq. ft. per gal.
Second Coat—SWP House Paint	500 sq. ft. per gal.
On Previously Painted Wood—1 Coat	
First Coat—SWP One Coat White 476	400 sq. ft. per gal.

Types of Wood

The common woods for exterior construction vary widely in their ability to retain paint.

They may be classified into the following groups:

Group No. 1. Holds paint longest and suffers least when the paint film enters a period of neglect.
(a) Cedar (b) Cypress (c) Redwood.

Group No. 2. Holds paint as well as first group but wood does not hold up as well when repainting is neglected.
(d) Northern White Pine (e) Western White Pine (f) Sugar Pine.

Group No. 3. Does not hold paint as well as first and second groups and wood is more affected by weather when repainting is neglected.
(g) Hemlock (h) Ponderosa Pine (i) Spruce.

Group No. 4. Woods in this group give least satisfactory service as a base for outside paint.
(j) Douglas Fir (k) Western Larch (l) Southern Yellow Pine.

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The Sherwin-Williams Co. • Cleveland, Ohio

Wood Surfaces

preparation

All surfaces to be painted must be clean and dry. No painting shall be done (a) immediately after a rain or during rainy weather, (b) over frost or dew or (c) when the temperature is below 50° F.

Knots and pitch streaks shall be scraped or burned, then coated with shellac before priming coat is applied.

All nail holes or small openings shall be carefully filled with white lead putty after the priming coat has dried.

previously painted surfaces

Remove all loose and scaling paint by scraping or burning. Causes of peeling paint shall be determined and corrected by repairing all defective flashing, gutters, spouting, shrinkage cracks, etc., where moisture can penetrate behind the surface. In case of general peeling, check insulation, air conditioning, vapor barrier, etc.

Remove all defective sash putty, clean sash and prime with SWP Undercoater 450. When dry replace with linseed oil putty and let harden, covering it when applying the finish coat.

501—Wood Surfaces—*New, Unpainted*

First Coat—SWP Undercoater 450.

Second Coat—SWP Exterior Paint.

Third Coat—SWP Exterior Paint.

For enamel finish on exterior wood, use S-W Enameloid for Second and Third Coat above.

502—Wood Surfaces—*Previously Painted*

Priming—Spot prime all burned off, scraped or bare wood with SWP Undercoater 450.

First Coat—SWP Undercoater 450.

Second Coat—SWP Exterior Paint.

503—Fume Resisting Exterior Paint

Where fume resisting paints are required on new wood, follow Specification No. 501 above, using SWP Undercoater 450 for the First Coat followed with two coats SWP Fume Resisting White 436 or S-W Gas & Fume Resisting Paint.

On previously painted work, follow Specification No. 502 using SWP Fume Resisting White 436 or S-W Gas & Fume Resisting Paint for both coats.

Porch Floors

preparation

Surfaces must be clean and dry. Adequate ventilation should be provided underneath porch flooring to prevent rotting from moisture. All loose, scaling or blistered paint must be scraped or burned off. All roughened wood and edges of broken paint shall be sandpapered smooth.

506—Wood Porch Floors—*New, Unpainted*

Priming—Porch flooring shall receive one priming coat of SWP Undercoater 450 on all sides and edges before the floor is laid.

First Coat—S-W Porch and Floor Enamel.

Second Coat—S-W Porch and Floor Enamel.

507—Wood Porch Floors—*Previously Painted*

Priming—All bare spots to be primed with S-W Porch and Floor Enamel thinned with ½ pt. S-W Exolvent or turpentine per gallon.

First Coat—S-W Porch and Floor Enamel.

Second Coat—S-W Porch and Floor Enamel. (Optional.)

Shingles and Shakes

509—Wood Shingles and Shakes—*Painted*

(Maximum Durability)

First Coat—SWP Undercoater 450.

Second Coat—SWP Exterior Velvet Flat Paint.

Extremely porous surfaces may require a second coat of SWP 450 Undercoater as above.

510—Wood Shingles—*Stained* (Alternate, Lower Cost)

First Coat—S-W Shingle Stain. Apply by dipping.

Second Coat—S-W Shingle Stain brushed on after shingles are laid.

Masonry Walls

preparation—*New Work*

Surfaces must be clean and free from dirt and loose or excess mortar. Do not paint after a rain—surface must be dry. Do not paint over improperly cured stucco or concrete.

preparation—*Old Work*

Scrape off all loose or scaling paint and wire brush thoroughly. Allow several days of warm, dry weather for thorough drying after a rain. Point up all bad mortar joints and fill cracks or broken spots with good cement mortar. Check for faulty flashings that might result in moisture entering the wall and affecting the finished work.

Surfaces in poor condition as a result of peeling or loose paint or unusually porous surfaces resulting from the use of cement water paints should be sandblasted to remove old paint completely.

511—Brick, Stucco, Concrete, Cinder Block & Asbestos Siding

First Coat—SWP Primer No. 61.

Second Coat—SWP Exterior Velvet Flat Paint.

Extremely porous surfaces may require an intermediate coat to seal and uniform the surface. This should consist of SWP 450 Undercoater unless directed otherwise on the label.

Painter Craft Products

Professional products of top quality

Architects . . The Painter Craft line is especially designed for the professional painter, fulfilling his exacting requirements in quality, durability and ease of application. The line includes a Pigmented Wall Primer and Sealer, P.V.A. Primer and Sealer, Heavy-Duty Alkyd Flat, Enamel Undercoater, Dull Eg-Shel Enamel, Semi-Gloss Enamel, Gloss White Enamel, and Stipple Flat Wall Paint. These products are furnished only in white, suitable for tinting with S-W First Quality Tinting Colors, except P.V.A. Primer and Sealer to be tinted with Kem Tinting Colors.

application—Brush, roller or spray; coverage 400 to 500 sq. ft. per gallon.

Wall Primer and Sealer

Wall Primer and Sealer primes and seals walls and ceilings against suction, enabling succeeding coats to cover properly, evenly and with greater ease. It is supplied ready to use for all interior wall surfaces such as smooth, sand finish and textured plaster, wallboard, brick, unglazed tile and concrete. Comes in white only; may be tinted with S-W First Quality Tinting Colors.

application—Brush, roller or spray; coverage 300 to 550 sq. ft. per gallon.

Flat-Tone Alkyd Flat Enamel— Odorless

A washable flat enamel that produces a rich, velvety finish for interior walls and ceilings, plaster, wallboard, masonry and woodwork. For best results on new plaster, the surface should be primed with Wall Primer and Sealer. On new woodwork, S-W Flat-Tone Alkyd Flat Enamel is self-priming. This product is furnished in a full range of colors, while additional attractive tints and tones may be obtained by the use of Kem Tinting Colors.

application—Spray, brush or roller; dries to touch in 3-4 hours; recoat in 24 hours. Coverage approximately 500 sq. ft. per gallon.

Semi-Lustre

An interior wall finish of high quality, producing a soft, pleasing gloss for kitchen and bathroom walls and woodwork. Has the good brushing and working qualities of an oil paint. It dries to a highly washable finish that seals out dirt and grease completely.

application—Brush, roller or spray; dries to recoat in 24 hours. Coverage approximately 500 sq. ft. per gallon; one coat.

Kem-Glo

A superb, low gloss enamel for walls in kitchens, bathrooms, hallways and for all woodwork and trim. Available in a choice of beautiful colors and White. Gives walls a rich lustre that looks and washes like baked enamel.

application—Brush, roller or spray; dries to recoat in 4 to 5 hours. Coverage approximately 400 sq. ft. per gallon.

Enameloid For Interior and Exterior Use

A fine quality, decorative, full gloss enamel which may be intermixed to produce many soft, pleasing tints to harmonize with any decorative scheme. Over a similar color, covers solidly in one coat.

application—Brush, roller or spray; dries to recoat in 16 hours. Coverage approximately 400 sq. ft. per gallon.

surface preparation—*New Work*

New Plaster must be allowed to dry thoroughly, usually requiring at least 30 days before painting. Ventilation of rooms while drying is essential.

surface preparation—*Old Work*

Badly soiled walls should be washed. Small cracks and broken places should be repaired with Plastic Patch, deep holes with Patching Plaster. When dry, spot prime with S-W Wall Primer and Sealer. Old paint that is hard and glossy should be sanded or wiped with S-W Preparite *immediately* prior to application of first coat.

512—*Walls and Ceilings—Flat Finish*

New and Old Work—Two Coats—*Plaster, Brick, Wallboard, Wood*

First Coat—S-W Wall Primer & Sealer.

Second Coat—S-W Flat-Tone Alkyd Flat Enamel.

513—*Walls, Ceilings and Trim—Semi-Lustre Finish—*

New and Old Work—Two Coats—*Plaster, Brick, Wallboard, Wood*

First Coat—On plaster, brick and wall work, S-W Wall Primer and Sealer. On woodwork, S-W Semi-Lustre.

Second Coat—S-W Semi-Lustre.

514—Walls, Ceilings and Trim—Dull Enamel Finish—

New and Old Work—Two Coats—*Plaster, Brick, Wallboard, Wood*

First Coat—S-W Kem-Glo.

Second Coat—S-W Kem-Glo.

515—Walls, Ceilings and Trim—Full Gloss Enamel Finish—

New and Old Work—Three Coats—*Plaster, Brick, Wallboard, Wood*

First Coat—On plaster, brick and wallboard, S-W Wall Primer and Sealer. On wood, S-W Flat-Rite Enamel Undercoater reduced with 1 pint raw linseed oil per gallon.

Second Coat—S-W Flat-Rite Enamel Undercoater mixed with equal parts of finish coat enamel.

Third Coat—S-W Kem-Namel Snow White or S-W Enameloid.

For two-coat work on wood, omit first coat specified above. For two-coat work on plaster and wallboard, omit second coat and tint first coat to approximate color of finish coat.

Note: Painter Craft products may be used in the above specifications with equally satisfactory results.

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Painter Craft One-Day Floor Finishing System

Consists of two products designed to provide a high-grade, long wearing wood floor finish in one day. Painter Craft Fast-Dri Floor Sealer impregnates the wood with preservative oil and resin, leaving a good surface build which seals against moisture and dirt. Dries in 2 hours. Painter Craft Alkyd Varnish is a full gloss finish, producing an elastic, durable clear coating. It dries hard in 8 to 10 hours. While intended primarily as an interior varnish, this product also possesses good exterior durability.

Mar-not Varnish

This is our highest grade interior varnish for floors and woodwork. Tough, water, heat and acid resistant. In a dry room at 70° F. Mar-not dries dust-free in 2 hours; is hard enough to walk on lightly in 12 to 14 hours, and can be recoated in 18 hours. Comes in two finishes—full gloss and satin finish.

Rexpar

Highest grade spar varnish. Its tough, elastic film is resistant to sun, moisture and weather. Recommended for all outside varnished surfaces, and interior surfaces such as sills, sash, casings, laundry rooms, etc., where there is exposure to moisture or temperature changes.

Floor Seal (Penetrating Varnish)

A wood floor surface sealer and hardener designed to withstand the scuffing and friction caused by heavy traffic. It enters the wood floor and hardens it from within by filling the pores and toughening the fibres of the wood itself, leaving little or no surface finish. Does not darken the wood or make the floor slippery like linseed oil. One coat applied in package consistency with a brush or mop is generally sufficient for hardwood floors—two coats for new softwood floors. Covers approximately 500 sq. ft. per gal.

Gym Floor Finish

Built specifically to withstand wear and tear on gymnasium floors. It is a double-action finish as it not only hardens the wood by penetration but forms a tough surface film that minimizes skidding, tracking and burning of rubber-soled shoes. It is also excellent for use on all types of wood floors subject to extra heavy traffic. Covers approximately 500 sq. ft. per gal.

Flat-Rite (Enamel Undercoater)

The exceptional smoothness and hiding power of this undercoater contribute greatly to the quality of the enamel finish applied over it. Flat-Rite is ground to such fineness that painters mix it freely with gloss enamels to secure varying degrees of satin finish preferred by the client.

Due to this clean fine grinding, the need for sanding between coats is greatly reduced.

Flat-Rite dries to recoat overnight. Covers approximately 400 sq. ft. per gal.

Kem-Namel Snow White Gloss

For Interior and Exterior Use

The intense whiteness and rich full gloss of this beautiful architectural enamel plus its easy brushing qualities and perfect flow combine to make it the most attractive enamel finish it is possible to produce for finest quality interior woodwork and trim. Produced only in white, it dries dust-free in 2 to 3 hours and hard in 12 to 16 hours. Covers approximately 400 sq. ft. per gal., one coat.

Note: For a full gloss enamel in colors, see Enameloid, p. 5.

Porch and Floor Enamel

Designed to withstand hard wear and repeated cleaning and scrubbing. Suitable for interior and exterior wood floors, porches, steps, metal stairs and concrete floors and steps. When used on concrete floors below grade, a coat of Cement Floor Primer must be used under this enamel.

[redacted]

surface preparation

All surfaces shall be sanded smooth. Blemishes shall be corrected and the surface *and the room* cleaned of dust before application of finishing coats.

516—Wood Doors and Trim—Open Grain Wood—New Work—Stain, Fill, Varnish Finish

First Coat—S-W Oil Stain.

Second Coat—S-W Paste Wood Filler—Sand.

Third Coat—S-W Mar-not Varnish (Rexpar if exterior). Sand lightly.

Fourth Coat—S-W Mar-not Varnish (Rexpar if exterior). Sand lightly.

Fifth Coat—S-W Mar-not Varnish (Rexpar if exterior). For rubbed finish, allow to harden 72 hours and rub with powdered pumice and oil to uniform dull lustre. For dull rubbed effect without actual rubbing, use Mar-not Satin Finish as final coat (interior only).

517—Wood Doors and Trim—Closed Grain Wood—New Work—Stain, Varnish Finish

Same as specification 516 for Open Grain Wood except omit Filler.

specifications *(continued)*

518—Wood Floors—Open or Closed Grain Wood—New Work

Hardwood floors may be either open grain (Oak) or closed grain (Maple). Use specification 516 or 517. Omit stain for natural finish.

519—Wood Floors — Fast-Dri System — Open or Closed Grain—New Work—Stain, Fill, Sealer, Varnish Finish

First Coat—S-W Oil Stain.

Second Coat—S-W Paste Wood Filler—Sand. (Omit this coat *on closed grain wood.*)

Third Coat—Painter Craft Fast-Dri Floor Sealer.

Fourth Coat—Painter Craft Alkyd Varnish.

Fifth Coat—*When required, same as Fourth Coat.*

520—Wood Floors—Fast-Dri System—Old Work

Clean thoroughly and sand. Touch up bare spots by reducing Painter Craft Alkyd Floor Varnish with 1 pint mineral spirits per gallon.

First Coat—Painter Craft Alkyd Varnish.

Second Coat—When required, same as First Coat.

521—Wood Floor—Shellac Finish—Waxed

Although not as durable as varnish, shellac affords a good base for waxing with minimum discoloration of the wood.

First Coat—3# Cut White Shellac, reduced 50% with alcohol —sand lightly.

Second Coat—3# Cut White Shellac without reduction.

Third Coat—Same as Second Coat.

When dry, buff with steel wool, apply hard wax and polish.

522—Heavy Duty Wood Floors—Penetrating Varnish —For Schools, Department Stores, Industrial Plants, etc.

Sand smooth and clean thoroughly. Open grain woods should be filled with S-W Paste Wood Filler. Old floors should be washed or sanded as required. Previous coats of varnish, wax or paint must be removed.

First Coat—Apply S-W Floor Seal by brush or mop. Wipe surplus from the surface. Allow overnight to dry. (May be *buffed if desired.*)

Second Coat—Same as First Coat.

Where severe service requires periodic renewal, dress the surface with buffing machine, followed with one or two coats of Floor Seal as above.

523—Gymnasium Floors—Non-Skid Finish

Sand smooth and clean thoroughly. Open grain woods should be filled with S-W Paste Wood Filler. Old floors should be washed or sanded as required. Previous coats of varnish, wax or paint must be removed.

First Coat—S-W Gym Floor Finish, brushed or mopped on.

Second Coat—Same as First Coat.

Gym Floor Finish may be buffed with a power buffer, but best non-skid properties are obtained with non-buffed finish.

Enameled Woodwork

524—Wood Doors and Trim
Enamel Finish—New Work—Three Coats

For full gloss enamel, specify Kem-Namel Snow White or Enameloid, if in color.

For dull finish, specify the enamel intermixed with equal parts Flat-Rite Enamel Undercoater.

Kem-Glo, a low gloss enamel of tile-like hardness and washability, may also be specified. (See specification No. 514, page 5, for details.)

First Coat—S-W Flat-Rite Enamel Undercoater reduced with 1 pint of raw linseed oil per gallon.

Second Coat—S-W Flat-Rite Enamel Undercoater intermixed with equal parts of the finish coat enamel.

Finish Coat—S-W Kem-Namel Snow White or S-W Enameloid.

For a four-coat job, repeat second coat before applying finish coat.

525—Wood Doors and Trim—Enamel Finish
Previously varnished or enameled work in fair condition

preparation

Old paint that is hard and glossy should be sanded or wiped with S-W Preparite before first coat is applied.

First Coat—S-W Flat-Rite Enamel Undercoater intermixed with equal parts of the finish coat enamel.

Second Coat—S-W Kem-Namel Snow White or S-W Enameloid.

526—Wood Doors and Trim—Enamel Finish
Previously varnished or enameled work requiring removal of old finish

preparation

Old finishes in poor condition should be taken off down to the original wood with S-W Taxite Paint & Varnish Remover. It is important to clean the surface thoroughly with S-W Preparite, Exolvent or turpentine to remove the Taxite completely. Cover any bleeding stain remaining with shellac or Anti-Bleeding Aluminum No. 413.

Proceed as for Enamel Finish—New Work, specified under No. 524 above.

527—Wood Floors—Enamel Finish—New Work

First Coat—S-W Porch and Floor Enamel.

Second Coat—S-W Porch and Floor Enamel.

528—Wood Floors—Enamel Finish—Old Work

All wax must be completely removed by scrubbing with cloth soaked in turpentine. For unwaxed floors, wash and dry thoroughly and either sand the surface or wipe with S-W Preparite to reduce the gloss of the old finish. Prime bare *spots with S-W Porch and Floor Enamel reduced with* ½ pint of S-W Exolvent or turpentine per gallon.

Finish Coat—Apply one coat S-W Porch and Floor Enamel.

529—Concrete Floors

The surface must be clean, dry, free from oil, grease, soap or wax. Etch the floor by using a 1-lb. 6-oz. can of Bowlene or Sani-Flush to a gallon of water. Apply at the *rate of one* gallon of solution per each 100 square feet. Allow to stand 10 minutes and flush off with hose. Allow to dry thoroughly, about 48 hours, before painting.

First Coat—S-W Concrete Floor Primer.

Second Coat—S-W Porch and Floor Enamel.

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For adequate protection, steel surfaces *must* be given a rust inhibitive priming coat plus additional finish coats.

Kromik Metal Primer

An effective primer for iron and steel. It prevents rust through the inhibitive action of its pigment—a carefully balanced combination of zinc chromate, red lead, zinc oxide and iron oxide.

Although Kromik Metal Primer is formulated as a First Coat to be covered with finish coats of Metalastic or Kem A & A, the protection afforded without recoating is equivalent to the best top coats—a great advantage where steel must stand for long periods of time before the field coat is applied. Kromik is a good primer for galvanized iron that has been weathered to the point of rusting but is not recommended for new galvanized iron.

application—By brush or spray. Dries to recoat in 18 hours. Coverage 500-600 sq. ft. per gallon. Film 1.2 to 1.5 mils.

Kem Kromik Primer

Consists of the proven pigment combination of Kromik Metal Primer with a synthetic vehicle which offers more rapid drying and excellent durability. Adequate surface preparation is important.

application—By brush or spray. Dries to recoat in 4 hours. Coverage 500-600 sq. ft. per gallon. Film 1.2 to 1.5 mils.

Galvanized Iron Primer

S-W Galvanized Iron Primer is a special formulation containing finely divided zinc which is packaged separately in a double compartment container. This formula has demonstrated its ability to adhere well to galvanized iron and to provide a good tooth for succeeding coats of paint which, in general, may be any good exterior type of paint such as SWP House Paint, Metalastic.

application—By brush or spray. Dries to recoat in 18-24 hours. Coverage 700 sq. ft. per gallon. Film 1.4 mils.

Metalastic Paint

This is an alkyd-modified, linseed oil paint to be used as a finishing coat for iron and steel structures such as buildings and bridges. Produces a highly elastic film and affords the best possible outdoor protection. This formula is recognized for its economy, ease of working and durability. Apply one or two coats over Kromik Metal Primer. On galvanized iron, apply over S-W Galvanized Iron Primer.

application—By brush or spray. Set to touch 2-4 hours; recoat 24-48 hours. Coverage 500-600 sq. ft. per gallon. Film 1.7 to 2.0 mils.

Kem Lustral Enamel

A full gloss, hard drying synthetic enamel for exterior and interior use. Widely used in industrial maintenance as a machine enamel, dado enamel, also for piping, railings, metal stairs, partitions, metal doors, lockers, benches, fire escapes, hydrants and many other items. Available in full range of colors, Black and White. Not recommended for large exterior areas like roofs—use Metalastic.

application—Brush, spray or dip. Set to touch one hour; recoat 15 hours. Coverage 400 sq. ft. per gallon.

Interior Water Tank Coating

A nontoxic, black, elastic finish for the interior of water tanks. When thoroughly dry will not impart odor, color or taste to drinking water. Two coats are recommended, applied directly to clean, dry, bare metal without primer, allowing 24 hours between coats. Observe all necessary precautions for safety of workmen in closed or semi-closed tanks.

Aluminum Paints

This type of paint is widely used in Industrial Maintenance because of its pleasing appearance, durability under a variety of conditions, and its economy.

Name	Type and Purpose	Dries to Touch	Dries to Recoat	Max. Temp.	Sq. Ft. Cov.	Film Thickness
Silverbrite No. 15	Ready-Mixed Int.—Ext.	4 Hrs.	24 Hrs.	400°F.	650	.9—1.0 M
Hi-Heat No. 55	Ready-Mixed Interior Only	2 Hrs.	10 Hrs.	1000°F.	800	.4—.5 M
Heavy Duty Aluminum No. 94	Double Comp. Ext.—Int.	2 Hrs.	18 Hrs.	400°F.	650	1.0 M
Anti-Bleeding No. 413	Double Comp. Int.—Ext.	¾ Hrs.	15 Hrs.	125°F.	650	—

Kem A & A Finishes

These enamels are designed to resist mild acids, alkalis and moisture. Although they are primarily for interior use, they may be specified for exterior work on specific jobs. Black is the most durable color.

application—By brush or spray, set to touch in 2-4 hours; recoat in 24 hours. Coverage 500-600 sq. ft. per gallon. Film 1.3 to 1.5 mils.

Chemical & Moisture Resisting Finishes

A chlorinated rubber line consisting of a red lead primer, and finish coats in gray, light green, medium green, black and white. Used for interior or exterior work in areas exposed to severe chemical fumes and corrosion. Also for surfaces continually under water. May be applied on metal, brick, concrete or plaster; specified for wood only where extreme conditions preclude use of conventional oil finishes.

application—Spray or brush. Set to touch in 20 minutes; recoat in 30 minutes (spray), in 4-6 hours (brush). Coverage 500 sq. ft. per gallon. Film 1.0 to 1.1 mils.

Carclad Finishes

Vinyl-type finishes, having good resistance to mineral acids and alkalis. Used over the proper primer, Carclad Enamel is tough and flexible, and has good exterior durability in the presence of many chemical fumes. Carclad Primer is recommended for sandblasted steel only. Gripclad Primer should be used when steel is not sandblasted—also on galvanized iron, aluminum, stainless steel and copper.

application—Chiefly by spray—can be brushed with difficulty. Dries to recoat in 30-60 minutes. Coverage 300-350 sq. ft. per gallon. Film 0.5 to 0.75 mils.

Smoke Stack Paints

Excellent heat-resisting paints for exterior and interior use. Supplied in two colors: Gray and Black. Maximum temperature 500° F. Gray is supplied in double-compartment container while the Black is in a single container.

application—Brush or spray. Gray covers approximately 500 sq. ft. per gallon while the Black covers approximately 200-300 sq. ft. per gallon. Two coats recommended. Apply directly to cool, bare metal *without* Primer.

Metal Surfaces

preparation

All metal shall be cleaned free of mill scale, loose paint, rust and foreign matter by scraping, wire brushing, flame cleaning or sandblasting. Any grease shall be removed with naphtha. No paint shall be applied over a damp or frosted surface or when the temperature is below 50° F.

530—Structural Steel and Miscellaneous Iron

Shop or Priming Coat—S-W Kromik Metal Primer.

First Field Coat—S-W Kromik Metal Primer.

Second Field Coat—S-W Metalastic or S-W Silverbrite Aluminum No. 15.

Third Field Coat—Same as Second Field Coat.

If faster drying schedule is required, use Kem Kromik Primer.

Where steel is protected from the weather, as in the case of structural framing for buildings, first field coat may be omitted.

531—Machinery—Piping—Railings—Lockers—Metal Partitions, etc.

(Exterior and Interior)

First or Priming Coat—S-W Kromik Metal Primer.

Second Coat—S-W Kem Lustral Enamel.

Kem Lustral should be applied within 30 days after application of Kromik Primer.

Galvanized Iron

preparation

Galvanized iron must be thoroughly cleaned with naphtha or other solvent to remove grease and residue on the surface. If chemical washes are used, manufacturers' directions should be followed. For best results, new galvanized iron should be allowed to weather 6 months prior to painting.

Old galvanized iron should be scraped and wire-brushed to remove loose and flaking paint, with rusted areas wire-brushed to sound metal.

(Note: Old galvanized iron which has been weathered to the stage of general rusting should be treated as plain steel. See specification 530.)

532—Galvanized Iron

First Coat—S-W Galvanized Iron Primer or S-W Gripclad Primer.

Second Coat—S-W Metalastic, SWP House Paint or Silverbrite Aluminum No. 15.

Third Coat—Same as second coat.

533—Copper Gutters, Valleys and Spouting

First Coat—S-W No. 450 Undercoater.

Second Coat—Metalastic or SWP House Paint.

Third Coat—Same as second coat.

Hot Surfaces

preparation

Thoroughly clean the surface, removing loose and flaking paint, rust and other foreign material by scraping and wire brushing. The surface should be cool when paint is applied.

534—Stacks, Breechings, Boiler Fronts

(Exterior and Interior)

One or two coats S-W Smoke Stack Gray or Black without primer.

534A—Stacks, Breechings, Boiler Fronts—Aluminum Finish

(Interior Only)

One or two coats S-W Hi-Heat Silverbrite Aluminum No. 55 without primer.

Chemical Resistant Finishes

preparation

All surfaces must be thoroughly cleaned before applying these highly resistant finishes. For maximum performance, the surface should be sandblasted.

535—Structural Steel, Tanks, and Miscellaneous Equipment—*Vinyl*

(Exterior and Interior)—*New or Old*

First Coat—S-W Carclad or Gripclad Primer.

Second and Succeeding Coats—S-W Carclad Enamel.

(Note: Where S-W Carclad Primer is used, the steel must be sandblasted.)

536—Structural Steel, Tanks and Miscellaneous Equipment—*Chlorinated Rubber*

(Exterior and Interior)—*New or Old*

First Coat—S-W Chemical & Moisture Resisting Red Lead Primer.

Second and Succeeding Coats—S-W Chemical & Moisture Resisting Enamel.

537—Tanks, Machinery and Miscellaneous Equipment—*Oleoresinous*

(Exterior and Interior)—*New or Old*

First Coat—S-W Kromik Primer.

Second and Succeeding Coats—S-W Kem Acid & Alkali Resisting Enamel, or Heavy Duty Aluminum No. 94.

If faster drying schedule is required, use Kem Kromik Primer.

Planned Color Harmonies

The selection of the proper colors and color combinations for room interiors is an important consideration especially in offices, schools, factories, stores, hospitals, etc. In addition to its decorative function, color is a morale builder, has an important bearing on safety and encourages good housekeeping. To make possible the best selection of color for these needs, Sherwin-Williams has developed a carefully planned series of colors for schools, offices and factories. These colors are available in a satin finish for upper walls and in a semi-gloss quality for lower wall or dado, door and window trim and for factory machines and equipment. These products are labeled Color Harmony Satin Finish and Color Harmony Semi-Gloss Enamel.

Table of Light Reflection Values

Color Harmony Satin Finish	L.R. Value	Color Harmony Satin Finish	L.R. Value	Color Harmony Semi-Gloss	L.R. Value
White	86.0	Peach	55.4	White	86.0
Yellow	68.4	Turquoise	54.0	Ivory	67.0
Ivory	66.0	Light Blue	53.0	Coral	34.2
Buff	62.0	Cascade Green	40.8	Silver Gray	28.4
Light Green	57.0	Warm Tan	38.0	Medium Green	27.0
Midland Green	57.0	Coral	35.0	Sage Green	26.6
Warm Gray	56.8	Mist Blue	20.6	Medium Turquoise	25.8
				Brown	24.4
				Medium Blue	23.0

characteristics:

application—By brush, spray, or roller.
reduction—If necessary use S-W Exolvent or turpentine.
coverage per gallon—400-500 sq. ft., one coat.
drying time—Color Harmony Satin Finish—To touch, 2 hrs. To recoat, 48 hrs.
Color Harmony Semi-Gloss—To touch, 2 hrs.—To recoat, 18-24 hrs.

Color Harmony Satin Finish

Color Harmony Satin Finish is an alkyd flat enamel (odorless) and is intended for heavy-duty service. It is a wall finish having the pleasing appearance of a flat paint with much of the durability and washability of an enamel.

Color Harmony Semi-Gloss Enamel

Color Harmony Semi-Gloss Enamel is a companion product to the Satin Finish. It is a durable, oil-resistant, low-gloss enamel finish for walls, dado and trim, machines and equipment. It is extremely durable and easy to apply.

Both the Satin Finish and Semi-Gloss have been tested by years of severe service under a wide variety of conditions.

New Work

preparation—New plaster, brick and concrete must be allowed to dry thoroughly, usually requiring at least 30 days before painting. Ventilation while drying is essential. Structural steel and other metal surfaces shall be scraped and wire-brushed to remove rust and loose scale and given a priming coat of Kromik Metal Primer in addition to the painting schedules specified below.

Wood doors and trim shall be sanded smooth.

538—Walls and Ceilings—*New Work*—Two Coats
Plaster, Concrete, Brick, Wood and Metal

First Coat—S-W* Save-Lite Primer & Sealer—tinted.

Second Coat—S-W Color Harmony Satin Finish or Semi-Gloss Enamel.

Wood surfaces subject to severe moisture condensation shall have a priming coat of SWP Undercoater 450 in addition to the two coats specified above.

539—Dado or Wainscot—*New Work*—Two Coats
Plaster, Concrete, Brick, Wood and Metal

First Coat—S-W* Save-Lite Primer & Sealer.

Second Coat—S-W Color Harmony Semi-Gloss or Kem Lustral Enamel.

540—Wood Doors and Trim—*New Work*—Three Coats

First Coat—S-W Flat-Rite Enamel Undercoater reduced with 1 pint raw linseed oil per gallon. Where subject to severe moisture use SWP Undercoater 450.

Second Coat—S-W Color Harmony Satin Finish or Color Harmony Semi-Gloss Enamel.

Third Coat—S-W Color Harmony Satin Finish or Semi-Gloss Enamel.

Old Work

preparation—Badly soiled walls should be washed. Repaired places should be spot primed with S-W Save-Lite Primer & Sealer. Old paint that is hard and glossy should be sanded or wiped with S-W Preparite just prior to application of first paint coat. Rusted steel should be wire-brushed and bare spots primed with S-W Kromik Metal Primer in addition to the painting schedule specified below.

541—Previously Painted Surfaces—Two Coats
Plaster, Concrete, Brick, Wood and Metal

First Coat—S-W* Save-Lite Primer and Sealer—tinted.

Second Coat—S-W Color Harmony Satin Finish or Semi-Gloss Enamel.

542—Machine Enamel Finish—Four Coats

For new machines or previously painted surfaces which have been badly marred.

First Coat—S-W Machine Primer Gray—sanded.

Second Coat—S-W Machine Filler Dark Gray—sanded.

note: Filler necessary only in case of rough castings and badly marred surfaces.

Third Coat—S-W Color Harmony Semi-Gloss. For full gloss, specify Kem Lustral Enamel.

Fourth Coat—S-W Color Harmony Semi-Gloss or Kem Lustral Enamel.

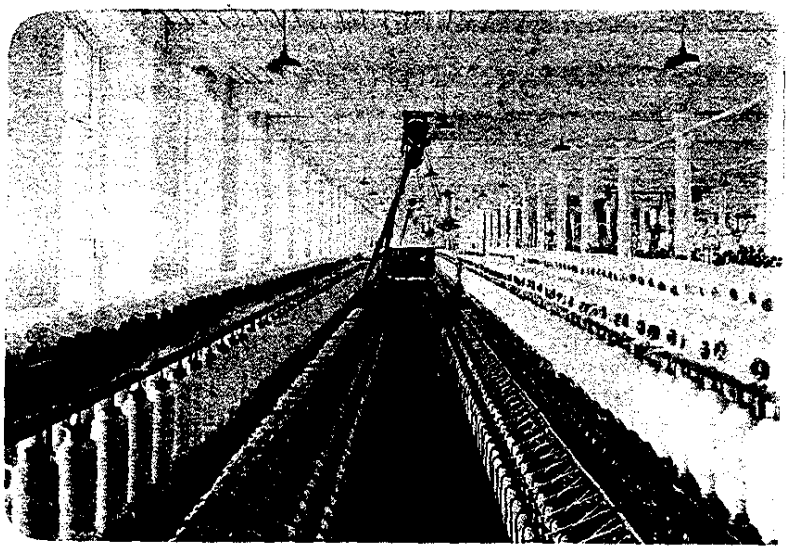
note: On previously painted machines in good condition, omit First and Second Coats.

*S-W Wall Primer and Sealer or Painter Craft Pigmented Wall Primer and Sealer may be used as the First Coat with equally satisfactory results.

Save-Lite White Products

for maximum illumination in factories, schools, stores, offices

SAVE-LITE PRODUCTS are manufactured only in white and are the whitest paints it is possible to make. They are designed expressly to improve room lighting through high light reflection value (approximately 90%) on ceilings and walls and to retain their original whiteness for a long period of time. Save-Lite is furnished in a number of types to meet varying conditions, but each product labeled Save-Lite must meet the most exacting standards of quality. Save-Lite can be applied by either brush or spray to any interior surface—wood, metal, concrete, plaster or composition board. It is not an exterior paint.



Kem Save-Lite

A brilliantly white synthetic white finish of great durability. The gloss F 80 W_2 produces a beautiful, tile-like surface highly resistant to moisture, mold, and mild chemical fumes; it is lead-free. Recommended for textile mills, paper mills, food plants, distilleries, laundries, and other plants where moisture resistance and sanitation are important. Available in Flat, Eg-Shel and Gloss Finish.

Kem Fume and Moisture Resisting Save-Lite

This is a technical coating, resistant to strong chemical fumes and moisture and will stand much higher temperatures than ordinary white paints. It is a true Save-Lite in whiteness and non-yellowing properties. Available in Flat, Eg-Shel and Gloss Finish.

Cold Storage Semi-Gloss White

A special type of white paint for use in cold storage areas. Dries by evaporation so that fumes that would contaminate food are entirely absent 72 hours after application. This contrasts with conventional oil paints, which give off noticeable fumes many days after application in a closed space.

Use one or two coats as required to cover. Brush directly on the surface without primer or undercoater.

Save-Lite Primer and Sealer, Save-Lite Undercoater

Save-Lite Primer and Sealer for new masonry, and Save-Lite Undercoater for previously painted surfaces provide the proper foundation coat for all Save-Lite Finishes.

New Work

surface preparation—New plaster, concrete and masonry shall be allowed to dry thoroughly, usually requiring at least 30 days, before painting. Ventilation while drying is essential.

On new wood, knots and pitch streaks should be sealed with shellac.

543—New Work—Three Coats—
Walls, Ceilings and Structural Steel

First Coat—On Brick, Plaster, Concrete—S-W Save-Lite Primer and Sealer.
On Wood—S-W Save-Lite Undercoater, adding 1 pt. raw linseed oil per gal.
On Structural Steel—Shop Coat, S-W Kromik Metal Primer.
Second Coat—S-W Save-Lite Undercoater.
Third Coat—S-W Kem Save-Lite Flat, Eg-Shel or Gloss, or Kem Fume and Moisture Resisting Save-Lite Eg-Shel and Gloss.
note: On new brick, plaster, concrete or wood, two coats may be satisfactory, in which case eliminate Second Coat in the above specification. Three coats are always required on structural steel; first or shop coat—Kromik Metal Primer, followed by Save-Lite Undercoater and a finish coat of Save-Lite as selected.

Old Work

surface preparation—Surfaces shall be cleaned thoroughly with all loose and flaking paint removed. Rusted metal shall be wire-brushed and bare spots primed with S-W Kromik Metal Primer. Badly soiled surfaces must be washed.

544—Old Work—Two Coats—
Walls, Ceilings and Structural Steel

First Coat—Over old paint—S-W Save-Lite Undercoater.
If old paint is porous use Save-Lite Primer and Sealer. On wood where old paint has failed, use SWP Undercoater 450. On Structural Steel, prime rusted areas with Kromik Primer followed by Save-Lite Undercoater over all.
Second Coat—S-W Kem Save-Lite Flat, Eg-Shel or Gloss or Kem Fume and Moisture Resisting Save-Lite Eg-Shel and Gloss.

545—Old Work—One Coat—
Walls, Ceilings and Structural Steel

One spray coat of S-W Kem Save-Lite Flat or Eg-Shel.

1956-SWEET-01298

Painter Craft

QUALI-KOTE

LATEX BASE

Dry Wall Construction

Architects... Quali-Kote is a professional painters' Latex Base paint, for use on walls and ceilings. It produces a velvet-smooth finish of highest quality and washability, and is remarkably easy to apply. Quali-Kote covers uniformly and completely in deep shades as well as in tints. It may be specified for residences, schools, hospitals and hotels where long wear and low maintenance costs are important considerations.

Quali-Kote is manufactured in a full range of attractive colors, from deep shades to soft pastels. Many additional colors can be made by simple intermixes. The line includes a special Ceiling Flat White designed to give the ideal flat or matte surface for ceilings.

On bare metal, Quali-Kote requires a metal primer. On new plaster, it is recommended that Quali-Kote be used over a conventional oil-type primer and sealer, which must be allowed to dry thoroughly.

application—By brush, roller or spray. Dries in one hour. Tools may be cleaned and spatters removed with hot, soapy water.

Surface Preparation—*New Work*

New plaster must be thoroughly dry, usually requiring at least 30 days before painting. Ventilation of rooms while drying is essential.

Surface Preparation—*Old Work*

Surfaces shall be wire-brushed to remove all loose and flaking paint. Badly soiled walls shall be washed. Small cracks and broken places shall be repaired with Plastic Patch, deep holes with Patching Plaster. When dry, just before applying first coat, spot prime all repaired areas with Quali-Kote. Surfaces must be rinsed thoroughly after washing. Calcimine-type paints must be removed.

Surface Preparation—*Metal Surfaces*

Bare metal, both new and old work, shall be wire-brushed and primed with S-W Kromik Metal Primer before Quali-Kote is applied.

546—Walls and Ceilings—*New Work*—Two Coats

Plaster and Masonry Surfaces

First Coat—Painter Craft Pigmented Wall Primer and Sealer.
Second Coat—S-W Quali-Kote.

547—Interior Structural Steel—Three Coats

First Coat—S-W Kromik Metal Primer.

Second Coat—Quali-Kote.

Third Coat—Quali-Kote.

Note: For spray application, reduce with water up to one pint per gallon of Quali-Kote.

Do not use conventional solvent-type thinners such as turpentine, mineral spirits, etc., nor oil tinting colors.

548—Walls and Ceilings—*Old Work*—Two Coats

First Coat—S-W Quali-Kote.
Second Coat—(Optional) S-W Quali-Kote.

Dry Wall Construction is of interest as a new building technique where low cost is a factor. After a long period of study and testing, Sherwin-Williams has developed a finishing system that gives dry wall construction a uniform, satisfactory appearance closely approaching that of conventional plaster.

S-W Joint Filler

This is a ready-to-use joint cement, which enables the mechanic to trowel the taped joint and smooth the surface to conform perfectly with the adjoining wallboard. It is non-alkaline and will not burn through subsequent paint coats.

Painter Craft Texture Finish

This is a latex-base stippling material matching corresponding colors in Quali-Kote. It can be used to give a variety of textures including a roller stipple, brush stipple, or sponge stipple. Painter Craft Texture Finish requires no primer and one coat is normally sufficient. However, a finish coat of Quali-Kote may be applied if desired.

Quali-Kote Dry Wall Primer

Plasterboard requires a special primer that will not raise the nap and yet seal the highly porous board.

This is the particular function of Quali-Kote Dry Wall Primer. Although designed primarily for dry wall work, it can be used as a primer on conventional plaster or masonry and may be finished with either Quali-Kote (latex) or oil-type paints.

549—Taping Dry Wall Joints

a. Apply an even layer of S-W Joint Filler using 5-inch broad knife. Fill the joint completely, leaving additional material on either side to imbed the tape.

b. Bed an approved perforated, paper tape (folded at corners) into the joint filler, centered on the joint full length. Run the length of the joint with broad knife, forcing tape deep into the joint filler. Scrape off all excess, making sure none is left on the tape to harden.

c. Spot all nail heads and other defects full and flush with broad knife and Joint Filler.

d. Allow to dry overnight. Then apply a top coat of Joint Filler to nail heads and joints. The top coat shall be perfectly smooth and faired into the adjoining wall surface without ridges or trowel marks of any kind.

e. When dry, the entire joint area and all nail heads shall be sanded with medium sandpaper wherever necessary to obtain a perfectly smooth piece of work, ready for application of finishing material.

550—Texture Finish (Using Painter Craft Texture Finish)

First Coat—S-W Texture Finish. Apply by brush and roller or spray. Stipple immediately to desired finish with brush, roller, sponge, whisk broom or wood block.

Second Coat—(Optional) S-W Quali-Kote.

Note: This system also applicable to conventional plastered walls and ceilings.

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