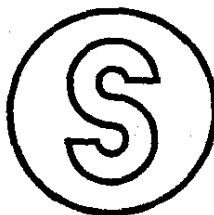
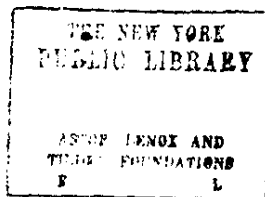




Architectural File

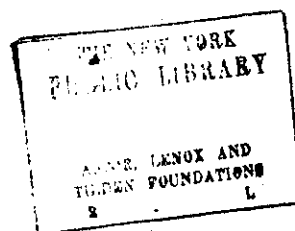
A file of manufacturers' catalogs compiled for the use of designers
and constructors of buildings of diversified types.



Sweet's Catalog Service

Division—F.W. Dodge Corporation

119 West 40 St., New York 18, NY



index system:

firms

products

trade names

MARTIN-SENOUR PAINTS for every paintable surface are widely recognized for quality and color leadership based on superior performance. These paints are readily available throughout the nation. Research technicians at Martin-Senour have originated and developed one color advancement after another since the introduction of the original Nu-Hue Color System. These professionally prescribed procedures for painting and decorating best serve the architect and the painting-decorating contractor, and produce maximum satisfaction for the ultimate owner.

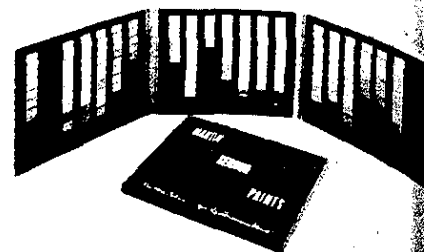
COLOR TOOLS

Research technicians at Martin-Senour have originated and developed one color advancement after another since the introduction of the original Nu-Hue Color System. Color selection, as a science, has been simplified through the Nu-Hue Programs and patented and copyrighted color tools.



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 comfortably in a briefcase.

LIST OF MARTIN-SENOUR PRODUCTS

TYPES OF SURFACES TO BE PAINTED

INTERIOR FINISHES:	Plaster	Wall-board	Wood	Wallpaper	Cement	Aged
First or Priming Coats:						Paint
2633 Primer-Sealer (oil base)	X	X	X	X		X
2646 Quik-Sealer (polyvinyl base) **	X	X		X	X	X
2660 Enamel Undercoat			X			X
Finish Coat:						
2600 Flat-Enamel (alkyd base)	X	X		X	X	X
2603 Odorless Flat (alkyd base)	X	X		X	X	X
2606 Odorless Flat (oil base)	X	X		X	X	X
2611 Flat (oil base)	X	X		X	X	X
2632 Flat (long oil base)	X	X		X	X	X
2612 Stipple (flat)	X	X		X		X
2647 Stipple (eggshell)	X	X	X	X		X
2628 Satin Enamel (synthetic)	X	X	X		X	X
2645 Eggshell Enamel (alkyd porcelain)	X	X	X		X	X
2613 Semi-Gloss (alkyd)	X	X	X	X	X	X
2636 Gloss Enamel (alkyd porcelain)	X	X	X		X	X
2640 Gloss Enamel (synthetic oil)	X	X	X		X	X
2650 Gloss Enamel (alkyd, quik-dry)	X	X	X		X	X
2699 Flat Enamel (scrubbable alkyd base)	X	X	X	X	X	X
VARNISHES—CLEAR						
2631 Dull (castor)						X
2635 Spec.			X		X	X
2642 Spec. & Thin						

SPECIAL PRODUCTS

- 2639 Solve-X—A superior "balanced drying" paint enamel reducer.
- 2666 Glose-Mix (Interior) Mixing agent for deep color.
- 2670 Trim-Mix (Exterior) Mixing agent for deep color.
- 2673 Bond-Tite—A premier bonding agent. (Liquid enamel)
- 2296 Mix-Et (Interior) flat extender for deep color.
- 2627 Colorol Reducer—special thinner for Masonry Finishes.
- 2602 Odorless Solvent for thinning odorless.

NU-HUE LIQUID TINTING COLOR

- 2629 Creamy Yellow
- 2631 Warm Yellow
- 2633 Pale Yellow
- 2635 Yellow
- 2637 Yellow
- 2639 Yellow
- 2641 Yellow
- 2643 Yellow
- 2645 Yellow
- 2647 Yellow
- 2649 Yellow
- 2651 Yellow
- 2653 Yellow
- 2655 Yellow
- 2657 Yellow



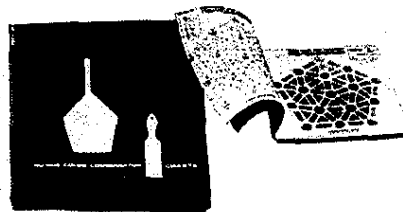
**MARTIN
SENOUR
PAINTS**

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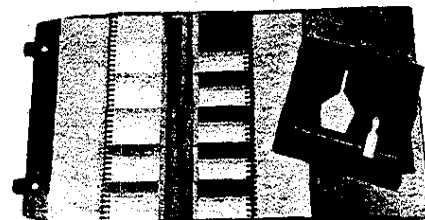
THE NU-HUE COLOR VISUALIZERS

Unique, patented units for perspective area arrangement and display of the 3" x 5" Coordinator and Custom Color chips, in selected color harmonies combined with room furnishings. Literally painting color schemes with "dry" paint! Offers an almost unlimited range of harmonious color choices.



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 Nu-Hue White Bases include companion-coordinated Flat, Semi-Gloss, Enamel, Exterior Paint, Sealer and Undercoat.



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. Martin-Senour maintains a complete library of these replacement chips.

FOR USE BY ARCHITECTS AND BUILDERS

TYPES OF SURFACES TO BE PAINTED

FINISHES	Wood	Metal	Concrete Common Brick	Glass	Shingles Wood	Asbestos
Priming Coats						
Paint Undercoat	X				X	
Aluminum Metal Primer		X				
Prime (zinc chromate base)		X				
Masonry Clear Sealer (Colorsol)			X*	X*		X*
Masonry one-half Masonry Clear Sealer, one-half Colorsol finish coat as first or prim- ing coat. Additional Colorsol Sealer may be applied when painting excessively porous surfaces until normal ease of brushing and rolling is obtained.						
Exterior						
Paint Exterior White	X	X			X*	X*
Tinting White	X	X			X*	X*
Mix with 1 gallon of No. 2039 Solve-X Painting and one-half gallon of raw lin- seed oil. Each gallon of No. 2039 or No. 2071.						
Exterior Masonry Paints (Colorsol)			X	X		X
Shake Paint, white and colors					X	

*Tint with Oils-Toners (Vint base)
2201 Red, 2202 Blue, 2203 Green, 2204 Black, 2205 Yellow

Colorsol

for all
Masonry Walls

A "flat" finish coating that retains the desirable dull appearance of all stucco and masonry wall surfaces. A distinctly new non conventional compound of rubbery film-forming liquids, combined with weather tested color pigments, to produce a super tough and elastic paint. Complete control of color styling.

*Colorsol Exterior Masonry Finish Toners

2816 Green	2820 Yellow
Gold	2821 Red Oxide
2817 Blue	2822 Quarter
2818 Black	Black
2819 Green	

MARTIN

SENOUR

PAINTS



GENERAL PAINTING SPECIFICATIONS

These procedures best serve the Architect, the Painting and Decorating Contractor and the owner. Quality materials in experienced hands accomplish job completion with the minimum of labor. All special details and color specifications are to be listed with individual area outline.

1. MATERIALS:

All paints shall be Martin-Senour finishes and shall be delivered with labels intact and seals unbroken. No materials are to be reduced or intermixed except as directed on the label. Colors, by area selection, will be listed by the Martin-Senour color formula numbers, or by attached Martin-Senour sample chips, or by Martin-Senour precise tinting instructions in writing. No priming of wood shall be done on or in buildings while the plaster is being applied or in process of drying. Applied paint is to be thoroughly dry before re-coating.

2. PREPARATORY PROCEDURE:

Exterior Surfaces: Remove all oil, grease or foreign matter. Treat new metal with conventional chemical wash. On old work, remove all scaly or loose paint, using sandpaper or scrapers. Alligatored or otherwise defective paint, or improper coating shall be conventionally removed by burning off, sandblasting, or using wax-free paint remover. Prime all bare wood. Putty (tinted to approximate finish coat) all nail holes and other irregularities AFTER prime coat is dry. Sand smooth.

Interior Surfaces: Remove all oil, grease, or loose foreign matter. Cut out and properly fill all open joints, deep cracks, or other irregularities, using patching plaster or spackle and glaze out to a smooth surface. On old work, wipe all glossy surfaces with a clean cloth dampened with Martin-Senour Bond-Tite, or wash with a mild alkaline solution such as trisodium phosphate or sal soda and rinse thoroughly. Remove all loose, blistered, or otherwise defective paint, and sand smooth all edges. Putty or spackle (tinted to approximate finish coat) all nail holes, cracks and other defects AFTER prime coat is dry. Hairline checks may be filled and smoothed with Plaster Pencil. Sand smooth. Note: Wallpapered surfaces—for best results, remove all paper and prepare original surface as outlined above. If painting is to be done over wallpaper, remove or paste back all loose paper and smooth edges by sanding. Clean paper with

2. PREPARATORY PROCEDURE (Continued)

wallpaper cleaner. Fill cracks and holes with patching plaster, spackle or Swedish putty.

PAINTING SPECIFICATIONS EXTERIOR

(See List of Products)

3. FIRST OR PRIMING COAT:

Martin-Senour priming paint recommended for particular surface, applied in accordance with label instructions. (Note: If the finish coat is a deep color, tint the priming material to approximate finish shade.) Scuff sand as required for smoothness.

4. SECOND OR FINISH COAT:

Martin-Senour finish paint recommended for particular surface, applied in accordance with label instructions. (Note: For exterior wood painting, maximum results and extended life economy, two-coat work—undercoat and finish coat—is highly recommended.)

PAINTING SPECIFICATIONS INTERIOR

(See List of Products)

5. FIRST OR PRIMING COAT:

Martin-Senour sealer or undercoat recommended for particular surface, applied in accordance with label instructions. Scuff sand as required for smoothness.

6. INTERMEDIATE COATS:

If many poorly sealed spots appear on exceptionally porous or alkaline surfaces, as indicated when the first coat is dry, a second priming coat should be applied to the entire surface. If only a limited number of poorly sealed areas appear, they may be spot-sealed with another application of priming paint. Apply another coat of priming paint tinted to approximate the final color if the final coat is to be a deep tone. For superior results, after priming apply an intermediate coat composed of one-half Martin-Senour Enamel and one-half Martin-Senour Enamel Primer, tinted to approximate finish coat color. Scuff sand as required for smoothness.

7. FINISH COAT:

Martin-Senour finish coat material recommended for particular surface, applied in accordance with label instructions.

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 3, TEXAS

Description of *Dutch Boy*

**PAINTS
ENAMELS
VARNISHES**

HOUSE PAINTS

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 symbol 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

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 dados 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. 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 bind-

ing; acetate cover. Also available in handy 3" x 5" "Pocket Edition."

Color Gallery Miniatures (2¼" 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

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

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 p. 7.

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 sur-

face 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 suit-

ably 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 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 woodwork, 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.

Table of Coatings INTERIOR

An Index of Paint Systems for Homes, Stores, Schools, Churches, etc.

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	
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 pickled 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 continued

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

DUTCH BOY PRODUCTS

Table of Contents

EXTERIOR

APPENDIX of PAINTS and PAINTING METHODS
Small Schools (1900-1950)

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: (ALL SPECIES -- SOLIDS OR PLYWOODS)	Large Fences, Siding, Wall Shingles, Exposed Timbers, Overhangs	Normal atmospheric conditions	Gloss Paint (White)	3 2	H1 H2 H2 H1 H2	H2 H2	20
			Gloss Paint (Color)	3 2	H1 H5 H5 Alt: H1 H3 H3 (tinted) H1 H5 Alt: H1 H3 (tinted)	H5 H5; Alt: H3 H3 (tinted)	20 20 20 20 22 20
			Gloss Pure Lead Paint (White)	3 2	H9 H9 H9 H8 H9	H8 H9	22 22
			Gloss Pure Lead Paint (Color)	3 2	H9 H9 H9 (tinted) H8 H9 (tinted)	H8 H9 (tinted)	22 22
		Where white is desired in an industrial atmosphere or where mildew is prevalent	Gloss Paint (White)	3 2	H4 H4 H4	H4 H4	22 20
			Gloss Paint (White)	3 2	H9 H9 H9 H8 H9	H8 H9	22 22
		Where white is desired above brick, stone, stucco or non-white surfaces	Gloss Pure Lead Paint (White)	3 2	H1 H3 H3 H1 H3	H1 H3	20 20
			Gloss Pure Lead Paint (Color)	3 2	H1 H3 H3 H1 H3	H1 H3	20 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 1	H1 H6	H6	20 22
			Gloss Varnish (Natural or Stained)	3-4 2	V1 V1 V1 (if to be stained: S1 V1 V1 V1)	V1 V1	22 22
	Stairs, Railings, Platforms, Porch Floors, Sundecks	Any atmospheric condition	Gloss Enamel	3 2	H1 E2 E2 H1 E2	E2 E2	20 20
			Gloss Varnish (Natural or Stained)	3-4 2	V1 V1 V1 (if to be filled and stained: F1 S1 V1 V1)	V1 V1	22 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 1	H7 H7	H7	22 22
			Gloss Rubber Base Paint (Color)	2 1	C1 C1	C1	20 20
	Floors, Steps, Decks, Porches, Concrete Walks, Patio Floors, Dadoes	Any atmospheric condition; alkaline surface; foot traffic; severe service	Gloss Rubber Base Paint (Color)	2 1	C1 C1	C1	20 20
			Gloss Rubber Base Paint (Color)	2 1	C1 C1	C1	20 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 2-1	M1 M1 A1 M1 A1	A1	22 22-20
			Gloss Paint (White or Color)	3 2	M1 H1 H2 (H3, H4, H5, H6 or H9 may be substituted for H2)	H2 H2 (H3, H4, H5, H6 or H9 may be substituted for H2)	22 20
			Gloss Enamel (Color)	3 2	M1 M1 E2	E2 E2	22 20
			Gloss Enamel (Color)	3 2	M1 M1 E2	E2 E2	22 20
	Wire Screens	Any atmospheric condition	Gloss Enamel (Black)	1	E5	E5	20
			Gloss Enamel (Black)	1	E5	E5	20

DUTCH BOY PRODUCTS

- KEY:**
- A1 — 25-42 Ready Mixed Aluminum Paint
 - C1 — Concrete Floor Paint
 - E2 — Enamel Floor Paint
 - E3 — 25-42 Screen Enamel
 - E4 — 25-42 Ready Mixed Enamel
 - E5 — 25-42 Ready Mixed Enamel
 - H1 — House Paint (1st Primer)
 - H2 — House Paint (1st Bright White)
 - H3 — House Paint (2nd Gloss White)
 - H4 — House Paint (1st White and Mildew Resistant White)

Product Described on Page

DUTCH BOY PRODUCTS

- H5 — House Paint in Color
- H6 — Sash & Trim
- H7 — Masonry Paint
- H8 — 01 White Lead Primer
- H9 — 01 White Lead Primer
- M1 — 030 Metal Primer
- S1 — Oil Wood Stain
- V1 — 75-00 EXT. Marine Spar Varnish

Product Described on Page

— 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 paint-

ing 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 re-

quired 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 speci-

fied 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 weather, 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.

— 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

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 sand-papered smooth. All plaster sur-

faces 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 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 be-

ing 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 INSPECTION

Every facility shall be provided for inspection of work by the Architect or Engineer, at any time. Any work not conforming to

these specifications shall be cleaned off and repainted at the expense of the contractor.

— 15 PAYMENT

No separate payment will be made for the work covered under this section and all costs in connection therewith shall be in-

cluded in the lump-sum contract price for the entire work to be performed under this contract.

Schedule of Coats**— 16 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.

— 17 DESCRIPTION OF COATS

The following table is the key to the Schedule of Coats, pp. 28-29; 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.

.....

D**EXTERIOR**

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 E2	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)

OF "DUTCH BOY" PRODUCTS			NOTES
REDUCTION	THIRD COAT	REDUCTION	
None			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	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	Three to five days of good drying weather should be allowed when using H.P. 010 Primer
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	
None			
1 pint turp. or min. spirits per gal.	House Paint in Color (100 Series)	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			
None			

INDEX OF COATINGS	TITLE AND APPLICATION		
	FIRST COAT	REDUCTION	SECOND COAT
H4 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 H5	House Paint in Color (100 Series)	1 pint turp. or min. spirits per gal.	House Paint in Color (100 Series)
H6	Sash and Trim (200 Series)	None	
H7	Masonry Paint	If thinner is necessary, use turp. in small amounts	
H7 H7	Masonry Paint	1 pint "Dutch Boy" Masonry Paint Reducer per gal.	Masonry Paint
H8 H9	011 Pure White Lead Ext. Primer	None	116 Pure White Lead Paint
H8 H9 (tinted)	011 Pure White Lead Ext. Primer	None	116 Pure White Lead Paint (tinted)
H9 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 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
M1 A1	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than $\frac{3}{4}$ pint of turp. or min. spirits per gal.	29-02 Ready-Mixed Aluminum Paint
M1 H1 H2 (H3, H4, H5, H6 or H9 may be substituted for H2)	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than $\frac{3}{4}$ pint of turp. or min. spirits per gal.	H.P. 010 Primer
M1 M1 A1	030 Metal Primer (Red Lead Base)	If necessary, up to but not more than $\frac{3}{4}$ pint of turp. or min. spirits per gal.	030 Metal Primer (Red Lead Base)
M1 M1 E2	030 Metal Primer (Red Lead Base)	If necessary, up to but no more than $\frac{3}{4}$ pint of turp. or min. spirits per gal.	030 Metal Primer (Red Lead Base)
S1 V1 V1 V1	Oil Wood Stain (23-00 Series)	None	70-00 Ext. Marine Spar Varnish
V1 V1	70-00 Ext. Marine Spar Varnish	Reduce slightly with turp. if necessary	70-00 Ext. Marine Spar Varnish
V1 V1 V1	70-00 Ext. Marine Spar Varnish	1 pint turp. per gal.	70-00 Ext. Marine Spar Varnish

OF "DUTCH BOY" PRODUCTS			NOTES
REDUCTION	THIRD COAT	REDUCTION	
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.
None			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			
1 pint turp. or min. spirits per gal.	116 Pure White Lead Paint	None	All wood to be back primed shall receive one coat of 011 Pure White Lead Ext. Primer
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	

INTERIOR

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

OF "DUTCH BOY" PRODUCTS

NOTES

REDUCTION	THIRD COAT	REDUCTION	NOTES
None			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	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	

OF "DUTCH BOY" PRODUCTS			NOTES
REDUCTION	THIRD COAT	REDUCTION	
None			
None			
None	Sparkling White Enamel (11-15 Velvet Sheen)		
None			
None			
None			
1/2 pint turp. or min. spirits per gal.	Satin Eggshell Enamel (500 Series)	None	
None			
None			
None			
1/2 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

— 18 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 -17,

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 examples 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 specifica-

tions 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 NO. 1: ROOMS (House, Hotel or Hospital, Etc.)

LOCATION	ITEM	INDEX OF COATINGS	COLOR OF FINISH		SAMPLE ATTACHED		SPECIAL INSTRUCTIONS TO CONTRACTOR
			Number	Name	Yes	No	
Bedroom No. 1:							
	Walls	P1 P1 (tinted) E7	53	- Aquamarine	X		
	Ceiling	P1 P1 E7	78	- Desert Gray	X		
	Doors	P2 E8 E8	53	- Aquamarine	X		
	Windows	P2 E8 E8	53	- Aquamarine	X		
	Base	P2 E8 E8	53	- Aquamarine			
	Mouldings	P2 E8 E8	53	- Aquamarine			
	Trim	P2 E8 E8	53	- Aquamarine			
	Floor	F1 S1 V3 V3	23-33	- Dark Oak	X		
Bathroom No. 1:							
	Walls	P1 P2 (tinted) E8	34	- Pompeian Red	X		
	Ceiling	P1 P2 E8	83	- Parchment	X		
	Door	P2 E8 E8	34	- Pompeian Red	X		
	Windows	P2 E8 E8	34	- Pompeian Red	X		
	Base, Trim	P2 E8 E8	34	- Pompeian Red	X		
	Mouldings	P2 E8 E8	34	- Pompeian Red	X		
	Built-in Cabinet	P2 P2/E3 E3	83	- Parchment	X		
	Radiator Enclosure	P2 P2/E3 E3	34	- Pompeian Red	X		
	Radiator	M1 P2 E9	715-	Sparkling White		X	
Kitchen:							
	Walls	P1 P2 E8	24	- Aztec Gold	X		
	Ceiling	P1 P2 E8	92	- Mission White		X	
	Doors	P2 E8 E8	24	- Aztec Gold	X		
	Windows	P2 E8 E8	24	- Aztec Gold	X		
	Base, Trim	P2 E8 E8	24	- Aztec Gold	X		
	Mouldings	P2 E8 E8	24	- Aztec Gold	X		
	Built-in Bench	P2 P2/E3 E3	57	- Soft Jade	X		
	Cabinets	P2 P2/E4 E4	92	- Mission White		X	
	Range Base	C1 C1	57	- Soft Jade	X		
	Louvre	P2 E8 E8	24	- Aztec Gold	X		
	Room Divider	P2 P2/E3 E3	57	- Soft Jade	X		

EXAMPLE NO. 2: HOUSE EXTERIOR

ITEM	INDEX OF COATINGS	COLOR OF FINISH		SAMPLE ATTACHED		SPECIAL INSTRUCTIONS TO CONTRACTOR
		Number	Name	Yes	No	
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	

EXAMPLE NO. 3: SCHOOL ROOM

LOCATION	ITEM	INDEX OF COATINGS	COLOR OF FINISH		SAMPLE ATTACHED		SPECIAL INSTRUCTIONS TO CONTRACTOR
			Number	Name	Yes	No	
School Room No. 1							
	Walls	P1 W1	454 -	Bermuda Pink	X		
	Ceiling	P1 W1	412 -	Off-White		X	
	Doors	P2 E5	564 -	Platinum Gray	X		
	Windows	P2 E5	564 -	Platinum Gray	X		
	Base	P2 E5	564 -	Platinum Gray	X		
	Moulding	P2 E5	564 -	Platinum Gray	X		
	Trim	P2 E5	564 -	Platinum Gray	X		

EXAMPLE NO. 4: WORKING AREA (Plant, Store, Etc.)

LOCATION	ITEM	INDEX OF COATINGS	COLOR OF FINISH		SAMPLE ATTACHED		SPECIAL INSTRUCTIONS TO CONTRACTOR
			Number	Name	Yes	No	
Working Area No. 1							
	Walls	P1 P2 E5	546 -	Sunflower	X		
	Ceiling	P1 P2 E5	546 -	Sunflower	X		
	Doors	P2 E5 E5	576 -	Blue Haze	X		
	Windows	P2 E5 E5	576 -	Blue Haze	X		
	Moulding	P2 E5 E5	576 -	Blue Haze	X		
	Trim	P2 E5 E5	576 -	Blue Haze	X		
	Base	C1 C1	41 -	Pewter Gray	X		
	Dado, Floor	C1 C1	41 -	Pewter Gray	X		
	Machinery Base	C1 C1	41 -	Pewter Gray	X		
	Machinery Housing	M1 P2/E4 E4	750 -	Vermillion	X		



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	¾	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.								¾				
GALLONS OF PAINT PRODUCED		9%	6%	6%	6%	7¼	7%	7%	6%	9%	7%	7¼	8%

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	¾
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" LAMP BLACK	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	8%	6	6	7¼	5½	4¾	4¾	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 8d*; 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 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.

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SWP is the brand name of Sherwin-Williams' exterior house 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 woodwork.

SWP house paint should be specified for the exterior of all wood buildings. SWP Fume Resisting White 436 or Gas and Fume Resisting Paint should be specified where industrial fumes are present.

SWP Undercoater

Ready-to-use SWP Undercoater 450 primes and seals badly weathered surfaces or unpainted wood and copper, and 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

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 Tinting White

Regular SWP White is not recommended as a base in making light tints. For this purpose SWP Tinting White 473 is supplied to be tinted with S-W First Quality Tinting Colors* or to be blended with regular SWP colors (other than Solfast Red).

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 Fume Resisting White

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.

Brick and Stucco Paint

A durable oil paint, formulated for exterior use on brick, stucco or concrete where a dull finish is desired. Differing from the purely decorative stucco finish, this paint, by preventing moisture from penetrating brick and cement, lengthens the life of exterior walls and keeps buildings dry. A spar-type sealer is supplied to be added as directed on the label for sealing extra-porous surfaces.

Shingle Stain

S-W Shingle Stain is designed for use on wood shingles, either siding or roofs. Formulated from special oils, it adds to the life of the shingles as well as providing decorative value.

Masonry and Asbestos Siding Primer

Designed for painting, at package consistency, such surfaces as asbestos siding, concrete block and masonry. (Not to be used on wood.) On rough textured surfaces (cement or cinder block) grouting is necessary before using this primer. A good full coat should be applied to satisfy the usually high porosity. Allow 2 to 4 days drying time before applying next coat. It seals the surface, resists alkali and produces an excellent undercoater, to be followed by SWP House Paint on exterior surfaces and S-W Alkyd Flat-Tone (odorless) or Semi-Lustre on interior walls.

Other Exterior Products

S-W Concrete Floor Primer
S-W Porch and Floor Enamel
S-W Enameloid (Interior and Exterior Enamel)
S-W Rexpar Varnish (Interior and Exterior Varnish)
S-W Traffic Zone Paint
S-W Oil Stain (Interior and Exterior Stain)
S-W Masonry and Asbestos Siding Primer

*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.
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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.

exterior finishes



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.

301—Wood Surfaces—New, Unpainted

(For maximum durability on unpainted wood, 3 coats are required. However, while 2 coats provide less durability, satisfactory protection is provided for the shorter period.)

First Coat—SWP Undercoater 450, full body or thinned slightly with S-W Exolvent or turpentine. Recoat in 2 to 4 days.

Second Coat—SWP House Paint, in color selected, applied full body or thinned slightly with S-W Exolvent or turpentine. Recoat in 2 to 4 days.

Third Coat—SWP House Paint same as Second Coat (if desired, Third Coat may be omitted.)

For special colors, tint SWP Tinting White to the desired shade with S-W First Quality Tinting Colors* or blend with regular SWP colors (other than Solfast Red). Where mildew is prevalent, add S-W Mildew Resistant Additive to all coats except SWP Trim Colors.

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

302—Wood Surfaces—Previously Painted

(For maximum durability over weathered painted surfaces)

Priming—Spot prime all burned off, scraped or bare wood with SWP Undercoater 450, full body, or reduced slightly with S-W Exolvent or turpentine. Recoat in 2 to 4 days.

First Coat—SWP Undercoater 450 applied full body or reduced slightly with S-W Exolvent or turpentine. Recoat in 2 to 4 days.

Second Coat—SWP House Paint in color selected, applied full body or thinned slightly with S-W Exolvent or turpentine.

For special colors tint SWP Tinting White to the desired shade with S-W First Quality Tinting Colors* or blend with regular SWP colors (other than Solfast Red). Where mildew is prevalent, add S-W Mildew Resistant Additive to all coats except SWP Trim Colors.

303—Fume Resisting Exterior Paint

Where fume resisting paints are required on new wood follow Specification No. 301 above using SWP Undercoater 450 for the First Coat followed with two coats of SWP Fume Resisting White 436 or S-W Gas & Fume Resisting Paint, selected color. Apply first and final coat full body. Reduce intermediate coat with ½ pt. S-W Exolvent or turpentine per gal.

On previously painted work follow Specification No. 302 using SWP Fume Resisting White 436 or S-W Gas & Fume Resisting Paint for both coats. Reduce First Coat with ½ pt. S-W Exolvent or turpentine per gal. Apply last coat full body.

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.

306—Wood Porch Floors—New, Unpainted

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

First Coat—S-W Porch and Floor Enamel, in selected color, thinned with ½ pt. S-W Exolvent or turpentine per gal.

Second Coat—S-W Porch and Floor Enamel applied full body.

307—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 gal.

First Coat—S-W Porch and Floor Enamel in color selected, thinned with ½ pt. S-W Exolvent or turpentine per gal.

Second Coat—S-W Porch and Floor Enamel, applied full body.

Wood Shingles

preparation

Apply to dry shingles, one coat, by dipping, and after they are laid, brush on second coat.

309—Wood Shingles—Stained Effect (Maximum Durability)

First Coat—SWP House Paint thinned as directed on label. Apply by dipping.

Second Coat—SWP House Paint, thinned as per first coat, applying by brush.

309A—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.

310—Wood Shingles—Old—Painted Finish

First Coat—S-W Anti-Bleeding Aluminum No. 413, full coat.

Second Coat—SWP Undercoater No. 450.

Third Coat—SWP House Paint, applied full body.

Brick, Stucco and Concrete 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.

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.

311—Brick, Cinder Block, Stucco & Concrete Walls & Asbestos Siding

First Coat—S-W Masonry and Asbestos Siding Primer, applied generously at full body or reduced slightly with S-W Exolvent or turpentine. Recoat in 2 to 4 days.

Second Coat—SWP House Paint in color selected, applied full body. For lower gloss use S-W Brick and Stucco Paint, tinted to desired color with S-W First Quality Tinting Colors*.

311A—Brick, Stucco and Concrete Walls (Alternate)

First Coat—S-W Brick and Stucco Paint, mixed with equal parts of S-W Brick and Stucco Mixing Sealer.

Second Coat—S-W Brick and Stucco Paint, adding up to 1 qt. S-W Brick and Stucco Mixing Sealer per gal., depending on degree of gloss desired. For special colors, tint with S-W First Quality Tinting Colors*.

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



metal protective finishes

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 weathered galvanized iron but is not recommended for new galvanized iron.

application—By brush or spray. Set to touch 4 hours; recoat overnight. Coverage 500-600 sq. ft. per gallon.

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.

application—By brush or spray. Set to touch one hour; recoat 4 hours. Coverage 500-600 sq. ft. per gallon.

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. Set to touch 3 hours; recoat 24 hours. Coverage 700 sq. ft. per gallon.

Metalastic Paint

This is a Linseed Oil - Graphite type 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 excellent 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 600 sq. ft. per gallon.

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 8 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. Coverage
Silverbrite No. 15	Ready-Mixed Int.-Ext.	4 hrs.	24 hrs.	400°F	650
Hi-Heat No. 55	Ready-Mixed Interior only	2 hrs.	10 hrs.	1000°F	800
Chemical Resistant No. 94	Dbl.-Comp. Ext.-Int.	2 hrs.	18 hrs.	400°F	650
Anti-Bleeding No. 413	Dbl.-Comp. Int.-Ext.	¾ hr.	5 hrs.	125°F	650

Kem A & A Finishes

These enamels are designed for mild resistance to acids, alkalis and moisture. Although they are primarily for interior use, they may be specified for exterior work on specific jobs. Of the three colors, Black, Dark Gray and Light Gray, 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.

Chemical & Moisture Resisting Paints

A chlorinated rubber line consisting of a red lead primer and a neutral gray top coat. Other colors available. Used for interior or exterior work in areas exposed to chemical fumes and excessive amounts of corrosion. Excellent for use on surfaces continually under water. For use on metal, brick, concrete or plaster.

application—Spray or brush, set to touch in 20 minutes; recoat in 30 minutes (spray), in 4-6 hours (brush). Coverage 350-450 sq. ft. per gallon.

Carclad & Gripclad Finishes

These S-W Vinyl finishes are recommended for use on well-cleaned surfaces such as iron and steel, galvanized iron, magnesium, copper and aluminum. For a recommendation over any other surface, consult with your Sherwin-Williams Representative. This Vinyl system should be used when the exposed surfaces are attacked by excessive acids and alkalis and other corrosive materials.

application—Spray or brush. Set to recoat in 30-60 minutes. Coverage 300-350 sq. ft. per gallon.

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 protective finishes



Metal Surfaces

preparation

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

312—Structural Steel and Miscellaneous Iron

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

First Field Coat—S-W Kromik Metal Primer. Brush full body.

Second Field Coat—S-W Metalastic, selected color or S-W Silverbrite Aluminum No. 15. Brush full body.

Third Field Coat—Same as Second Field Coat.

The above four-coat specification affords maximum protection for structural steel continuously exposed to the weather, such as bridges. Where steel is protected from the weather, as in the case of structural framing for buildings, the First Field Coat may be omitted.

312A—Structural Steel and Miscellaneous Iron

(Faster Drying Primer—Synthetic Finish Coats)

Shop or Priming Coat—S-W Kem Kromik Primer. Brush full body.

First Field Coat—S-W Kem Kromik Primer. Brush full body.

Second Field Coat—S-W Metalastic, S-W Silverbrite Aluminum No. 15 or S-W Chemical Resistant Aluminum No. 94. Brush full body.

Third Field Coat—Same as Second Field Coat.

First Field Coat may be omitted on structural steel protected from the weather.

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

(Exterior and Interior Exposure)

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

Second Coat—S-W Kem Lustral Enamel, selected color. Brush full body.

Galvanized Iron

preparation

Galvanized iron must be thoroughly cleaned with Naphtha or other solvent to remove grease and residue on the surface. Satisfactory preparation may be obtained with chemical washes used as directed by the manufacturer. 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.

314—Galvanized Iron

First Coat—S-W Galvanized Iron Primer.

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

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

Third Coat—Same as second coat.

315—Copper Gutters, Valleys and Spouting

First Coat—S-W No. 450 Undercoater.

Second Coat—Metalastic or S.W.P. House Paint.

Third Coat—Same as second.

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.

316—Stacks, Breechings, Boiler Fronts

(Exterior and Interior)

Apply one or two coats S-W Smoke Stack Gray or Black. S-W Smoke Stack Gray is intended to be applied to bare metal without primer. Brush full body.

317—Stacks, Breechings, Boiler Fronts—Aluminum Finish

(Interior Only)

Thoroughly clean the surface, removing loose and flaking paint, rust and other foreign material by scraping and wire brushing.

Apply one or two coats S-W Hi-Heat Silverbrite Aluminum No. 55. Brush full body without primer.

Chemical Resistant Finishes

preparation

Highly important that all surface be thoroughly cleaned before applying these highly resistant finishes. For maximum performance all surface should be sandblasted. For detailed information on surface preparation and product application consult your nearest Sherwin-Williams Technical Representative.

318—Tanks, Machinery and Miscellaneous Equipment

(Exterior and Interior)—New or Old (Sandblasted)

First Coat—S-W Carclad or Gripclad Primer.

Second and Succeeding Coats—S-W Carclad Enamel, selected colors.

318A—Tanks, Machinery and Miscellaneous Equip.

(Exterior and Interior) New or Old (Alternate) (Sandblasted)

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

Second and Succeeding Coats—S-W Chemical and Moisture-Resisting Enamel, selected colors.

319—Tanks, Machinery and Miscellaneous Equipment

(Exterior and Interior)—New or Old (Not Sandblasted)

First Coat—S-W Gripclad Primer.

Second and Succeeding Coats—S-W Carclad Enamel, selected colors.

319A—Tanks, Machinery and Miscellaneous Equip.

(Exterior and Interior) New or Old (First Alternate) (Not Sandblasted)

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

Second and Succeeding Coats—S-W Chemical and Moisture-Resisting Enamel, selected colors.

319B—Tanks, Machinery and Miscellaneous Equip.

(Exterior and Interior) New or Old (Second Alternate) (Not Sandblasted)

First Coat—S-W Kromik Primer.

Second and Succeeding Coats—S-W Kem Acid and Alkali-Resisting Enamel, selected color.



Painter Craft Products

Professional products of top quality

Architects . . . This complete line is especially designed for professional painters, contractors and maintenance men and includes a Pigmented Wall Primer; P.V.A. Primer; Heavy-Duty Alkyd Flat; Semi-Gloss Enamel; Gloss White Enamel; Dull Eg-Shel Enamel; Enamel Undercoater; and Stipple Flat Wall. They are full bodied white products, suitable for tinting with Sherwin-Williams First Quality 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.

Wall Primer and Sealer, applied over flat or glossy paint, plaster patches or wallboard, "uniforms" the entire surface and provides a base coat with proper "tooth". Supplied in White only. May be tinted to any suitable ground color with S-W First Quality Tinting Colors. Dries to recoat in 24 hours. Covers 300 to 550 sq. ft. per gal., one coat.

Flat-Tone

A superior odorless Alkyd Flat Enamel that dries with a subdued sheen. S-W Flat-Tone Alkyd Flat Enamel is ideal for all interior wall and ceiling surfaces, smooth textured and sand finished plaster, wallboard, smooth

masonry, etc., and woodwork. Priming the surface with S-W Wall Primer and Sealer is recommended for the best paint job on new plaster or where extensive repairs have been made. S-W Flat-Tone Alkyd Flat Enamel is self-priming on new woodwork. Additional attractive tints and tones may be obtained by the use of Kem Tinting Colors.

application—Spray, brush or roller; set 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. Dries to recoat in 24 hours. Covers approximately 500 sq. ft. per gal., 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. Dries in 3 to 4 hours, to recoat in 4 to 5 hours. Covers approximately 400 sq. ft. per gal.

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 and dries to recoat in 16 hours. Covers approximately 400 sq. ft. per gal.

surface preparation—New Work

New plaster must be allowed to dry thoroughly, usually requiring at least 30 days before painting. In cold, damp weather, rooms must be heated. Ventilation of rooms while drying is essential. Damaged places in walls must be repaired with Plastic Patch—deep holes with Patching Plaster.

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 then be sanded or wiped with S-W Prep-rite prior to application of first paint coat.

320—Walls and Ceilings—(Flat Wall Paint—

New and Old Work—Two Coats) Plaster, Brick, Wallboard, Wood
First Coat—S-W* Wall Primer and Sealer applied full body. Tint to approximate color of Finish Coat with S-W First Quality Tinting Colors. Allow to dry 24 hours. Before applying Second Coat, examine work carefully for flat spots resulting from incomplete sealing and to all such areas apply another coat of S-W* Wall Primer and Sealer, allowing at least 24 hours before proceeding with Second Coat.

Second Coat—S-W* Flat-Tone, color selected, applied full body.

note: Where surface is in good condition and of uniform porosity, one coat will often be sufficient.

321—Walls, Ceilings and Trim—(Semi-Lustre Finish—

New Work—Two Coats) Plaster, Brick, Wallboard, Wood
First Coat—On plaster, brick and wallboard, S-W* Wall Primer and Sealer, applied full body. On unpainted woodwork, S-W* Semi-Lustre, reduced with one pint S-W Exolvent or turpentine per gal. Allow to dry and sand smooth.

Second Coat—S-W* Semi-Lustre in selected color, applied full body.

322—Walls, Ceilings and Trim—(Semi-Lustre Finish—

Old Work—Two Coats) Plaster, Brick, Wallboard, Wood
First Coat—On plaster, brick, wallboard, S-W* Wall Primer and Sealer, applied full body. On previously painted wood, use S-W* Semi-Lustre applied full body. Allow to dry and sand smooth.

Second Coat—S-W* Semi-Lustre, in selected color, applied full body.

note: Where surface is in good condition and of uniform porosity, one coat will often be sufficient.

323—Walls, Ceilings and Trim—(Dull Enamel Finish—

New and Old Work—Two Coats) Plaster, Brick, Wallboard, Wood
First Coat—S-W Kem-Glo selected color, applied full body. Allow 4 to 5 hours drying time.

Second Coat—S-W Kem-Glo selected color, applied full body. On previously painted surfaces in good condition one coat will usually be sufficient.

Above specification for S-W Kem-Glo may also be used on wood doors and trim.

324—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, applied full body. Allow 24 hours drying. On wood: S-W* Flat-Rite reduced with 1 pint raw linseed oil per gallon. Allow 18 to 24 hours drying.

Second Coat—S-W* Flat Rite mixed with equal parts of finish coat enamel. Allow 18 to 24 hours drying.

Third Coat—S-W* Kem-Name! Snow White or S-W* Enameloid, color selected, applied full body. 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. On previously painted work in good condition to be repainted with same or similar color, one coat will usually be sufficient, in which case omit first and second coats above.

*Painter Craft products may be used with equally satisfactory results.



Products for Interior Woodwork*

Painter Craft One-Day Floor Finishing System

Consists of two products designed to finish a wood floor in *one* day. Painter Craft Fast-Dri Floor Sealer impregnates the wood with preservative oil and resin, leaving a good surface build which seals the wood against moisture and dirt. Dries in 2 hours. Painter Craft Alkyd Varnish is the finish coat that produces an elastic, durable, clear coating. It dries hard in 8 to 10 hours. Primarily an interior varnish but also possesses good exterior durability.

Mar-not

Top quality 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.

Architects . . . *The Painter Craft Products, for the Master Painter line, are designed specifically for professional painters' use. *The Painter Craft Line contains items for use on interior woodwork such as Painter Craft Enamel Undercoater, Painter Craft Dull Eg-Shel Enamel, and Painter Craft Gloss White Enamel.

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

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-Name! Snow White

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.

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.

surface preparation—general

All finishing lumber and flooring shall be delivered protected from the weather, and stored on the premises in dry, warm rooms to prevent absorption of moisture, which may result in shrinkage and roughening of the wood, requiring extra labor to recondition before finishing.

All surfaces shall be sanded smooth, rubbing *with* the grain and never across it. Blemishes shall be corrected and the surface *and the room* cleaned of dust before proceeding with the application of finishing coats.

325—Wood Doors and Trim

Full Varnish Finish—Open Grain Wood

Requirements for preparation of surfaces given above shall be considered a part of this specification.

First Operation—Stain—S-W Oil Stain, selected color. Apply stain with soft brush, then wipe with soft, clean cloth to bring out highlights of the wood. Allow stain to dry 24 hours before filling. If no filler is used (closed grain wood) allow overnight drying before varnishing.

Second Operation—Filler—S-W Paste Wood Filler (natural or tinted with S-W Oil Stain used in operation above) thinned with S-W Exolvent or turpentine to consistency of thick cream. Apply with brush and when well set rub off with clean cotton cloth or burlap, wiping across the grain. Let dry and sand.

Third Operation—First Varnish Coat—S-W Mar-not. (Use S-W Rexpar Varnish if exterior.) Thin with 1 pt. S-W Exolvent or turpentine per gal. Sand lightly and dust clean.

Fourth Operation—Second Varnish Coat—S-W Mar-not (or S-W Rexpar if exterior) applied full body. Sand lightly and dust clean.

Fifth Operation—Third Varnish Coat—Same as Second Coat. For full rubbed finish, allow final coat to harden 72 hours, then rub with powdered pumice and oil or water to a uniform, dull lustre.

For dull rubbed effect without actual rubbing. Use S-W Mar-not Satin Finish as final coat on interior trim and floors.

326—Wood Doors and Trim

Full Varnish Finish—Closed Grain Wood

Follow same specifications as Open Grain Wood (325) except omit filler.



specifications (continued)

327—Wood Floors—New Work

Floor should be sanded and cleaned. Open grain woods should be filled with S-W Paste Wood Filler and allowed to dry.

First Coat—Apply Painter Craft Fast-Dri Floor Sealer at package consistency with brush, squeegee or mop. Let dry 2 hours.

Second Coat—Apply Painter Craft Alkyd Varnish, by brush or spray, at package consistency.

Third Coat—When required, same as second coat.

328—Wood Floors—Old Work

Clean thoroughly and sand. Touch up bare spots by reducing Painter Craft Alkyd Floor Varnish with one pint Mineral Spirits to the gallon, and let dry.

First Coat—Apply Painter Craft Alkyd Varnish by brush or spray, at full body.

Second Coat—When required, same as first coat.

329—Hardwood Floor—Full Varnish Finish

Hardwood floors may be either open grain (Oak) or closed grain (Maple). Use Specification No. 325 with S-W Mar-not, omitting staining operation for natural finish. If open grain, use S-W Paste Wood Filler.

330—Hardwood 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. Allow to dry and sand slightly.

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.

331—Heavy Duty Wood Floors

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.

332—Concrete Floors

S-W Concrete Floor Primer is designed for new or unpainted cement or concrete floors as an undercoater for S-W Porch and Floor Enamel. The surface must be clean, dry, free from oil, grease, soap or wax. Etch 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 thoroughly dry, about 48 hours, before painting.

First Coat—Brush Concrete Floor Primer at package consistency. Allow to dry, 1-2 days only.

Second Coat—2nd or 3rd day brush at full body S-W Porch and Floor Enamel, of selected color.

333—Gymnasium Floors—Non-Skid Finish

Sand smooth and clean thoroughly. Open grain woods should be filled with 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. Allow overnight drying.

Second Coat—Same as First Coat.

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

334—Wood Doors and Trim—

Enamel Finish—New Work—Three Coats

The wood must be of good quality and well finished for best results. Requirements for preparation of surfaces (listed below) shall be considered a part of this specification.

The selection of final coat enamel will depend on the type of work desired.

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.

Kem-Glo, a low gloss enamel of tile-like hardness and washability, may also be specified. (See specification No. 323, page 7, for details.)

First Coat—S-W Flat-Rite reduced with 1 pt. of raw linseed oil per gal. If further reduction is desired, thin sparingly with S-W Exolvent or turpentine. Allow overnight drying.

Second Coat—S-W Flat-Rite intermixed with equal parts of the finish coat enamel, reduced slightly with Exolvent or turpentine. Allow overnight drying and sand lightly.

Finish Coat—S-W Kem-Namel Snow White or S-W Enameloid full body. For a four-coat job, repeat second coat before applying finish coat.

335—Wood Doors and Trim—Enamel Finish

Previously varnished or enameled work in fair condition

surface preparation

The surface must be clean and free from grease. Rub smooth or wipe the old finish with S-W Prepareite immediately before applying the new finish to dull the gloss.

First Coat—S-W Flat-Rite intermixed with equal parts of the finish coat enamel, reduced slightly with S-W Exolvent or turpentine. Allow overnight drying and sand lightly.

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

336—Wood Doors and Trim—Enamel Finish

Previously varnished or enameled work requiring removal

preparation

Old finishes in poor condition should be taken off down to the original wood with S-W Taxite Paint & Varnish Remover. **Important:** Clean the surface thoroughly with S-W Prepareite. Exolvent or turpentine to remove Taxite completely. Cover any bleeding stain remaining with shellac or Anti-Bleeding Aluminum No. 413.

Application—Proceed as for Enamel Finish—New Work, specified under No. 334 above.

337—Wood Floors—Enamel Finish—New Work

General requirements covering preparation of surface, page 8, shall be considered a part of this specification.

First Coat—S-W Porch and Floor Enamel, color selected, thinned with ½ pt. S-W Exolvent or turpentine per gal.

Second Coat—S-W Porch and Floor Enamel, full body.

338—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 Prepareite to cut the gloss of the old finish. Prime bare spots with S-W Porch and Floor Enamel reduced with ½ pt. of S-W Exolvent or turpentine per gal.

Application—Apply one coat S-W Porch and Floor Enamel, full body.

color harmony finishes



Planned Color Harmonies

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 Products

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

Color Harmony Semi-Gloss is a companion product—a

durable enamel finish for factory machines, equipment, and dado and for trim in offices, schools, etc. It is tough, oil-resistant and extremely durable, and also very easy to apply.

Both of these products have been tested by years of severe service in actual plants under a wide variety of conditions.

New Work

surface preparation—Brick, Concrete and Plaster must be thoroughly seasoned. 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, rubbing with the grain—never across it. The surface shall be wiped clean, prior to painting.

On new wood ceilings in industrial plants, knots and pitch streaks shall be cleaned with alcohol and sealed with shellac.

340—Walls and Ceilings—New Work—Two Coats

Plaster, Concrete, Brick, Wood and Metal

First Coat—S-W* Save-Lite Primer and Sealer tinted to match finish coat. Allow to dry thoroughly.

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

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

341—Dado or Wainscot—New Work—Two Coats

Plaster, Concrete, Brick, Wood and Metal

First Coat—S-W* Save-Lite Primer and Sealer. Allow to dry thoroughly.

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

342—Wood Doors and Trim—New Work—Three Coats

First Coat—S-W Flat-Rite reduced with 1 pt. raw linseed oil per gal. Where subject to severe moisture use SWP Undercoater 450. Allow to dry thoroughly and sand lightly.

Second Coat—S-W Color Harmony Satin Finish or Color Harmony Semi-Gloss Enamel, depending on finish coat.

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

Old Work

surface preparation—Badly soiled walls should be washed. Repaired places should be spot primed with S-W *Save-Lite Primer and Sealer. Old paint that is hard and glossy should be sanded or wiped with S-W Prepare 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.

On previously painted surfaces in good condition, one coat of Color Harmony Satin Finish or Semi-Gloss may often be sufficient. When the surface is in poor condition with flat or porous areas, two coats should be specified as follows:

343—Previously Painted Surfaces—Two Coats

Plaster, Concrete, Brick, Wood and Metal

Requirements of surface preparation given above shall be considered part of this specification.

First Coat—S-W* Save-Lite Primer and Sealer tinted to match finish coat. Allow to dry thoroughly.

Second Coat—S-W Color Harmony Satin Finish or Semi-Gloss in selected color.

note: For one-coat work, omit First Coat.

344—Machine Enamel Finish—Four Coats

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

First Coat—S-W Machine Primer Gray. Allow to dry and sand lightly.

Second Coat—(Filler)—S-W Machine Filler Dark Gray.

note: Filler Coat necessary only in the case of rough castings and badly marred surfaces from which paint has been chipped.

Third Coat—(Sealer)—S-W Color Harmony Semi-Gloss, selected color. Reduce slightly with S-W Exolvent or turpentine. For full gloss enamel finish, specify Kem Lustral Enamel, selected color.

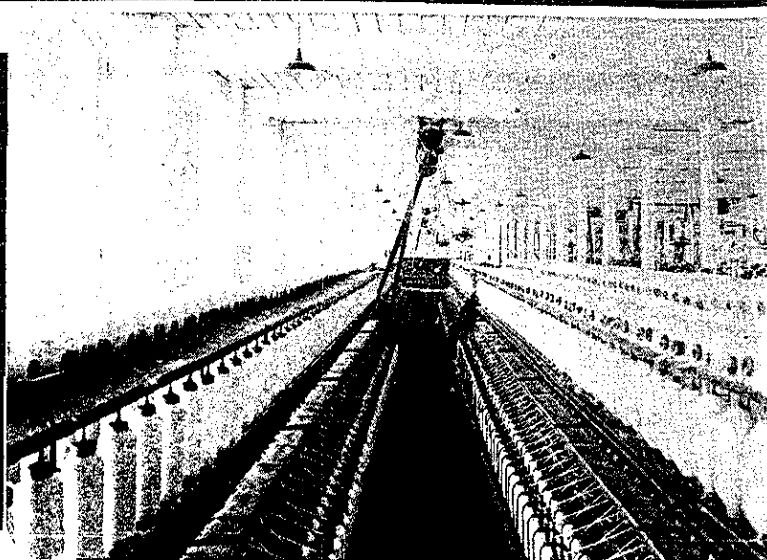
Fourth Coat—(Final)—S-W Color Harmony Semi-Gloss or Kem Lustral Enamel same as Third Coat, applied full body.

note: On previously painted machines in good condition omit First and Second Coats. Under favorable conditions, one coat of Color Harmony Semi-Gloss will often give satisfactory results.

*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



Save-Lite

Save-Lite provides, at moderate cost, the quality features of brilliant whiteness, easy application and freedom from yellowing (lead free). Available in Flat, Eg-Shel and Gloss Finish.

Kem Save-Lite

A brilliantly white synthetic enamel of great durability. Produces a beautiful, tile-like surface highly resistant to moisture, mold, and mild chemical fumes. Recommended for textile mills, paper mills, food plants, distilleries, laundries, and other plants where moisture resistance and sanitation are important (lead free). Available in 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 (lead free). Available in Eg-Shel and Gloss Finish.

Packing House 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 (lead free).

Use one or two coats as required to cover. Brush directly on the surface without primer or undercoater. See booklet of Technical Information for detailed instructions.

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

Although it is possible to obtain satisfactory results with two coats on new work, the ultimate in quality is a three-coat job. Therefore, specifications are provided for both three-coat and two-coat schedules.

surface preparation—Brick, concrete and plaster shall be thoroughly seasoned. Ventilation while drying is essential. On new wood, knots and pitch streaks should be sealed with shellac.

345—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 Save-Lite Flat, Eg-Shel or Gloss or S-W Kem Save-Lite Eg-Shel or Gloss, or Kem Fume and Moisture-Resisting Save-Lite Eg-Shel and Gloss.

346—New Work—Two Coats—Walls and Ceilings

First Coat—On Brick, Plaster and Concrete—S-W Save-Lite Primer and Sealer. On Wood—S-W Save-Lite Undercoater, adding 1 pt. raw linseed oil per gal.

Second Coat—S-W Save-Lite Flat, Eg-Shel or Gloss or S-W Kem Save-Lite Eg-Shel or Gloss, or Kem Fume and Moisture-Resisting Save-Lite Eg-Shel and Gloss.

note: Three coats are required on structural steel. First or Shop Coat—Kromik Metal Primer followed by Save-Lite Undercoater and finish coat of Save-Lite Flat, Eg-Shel or Gloss, or Kem Save-Lite Eg-Shel or Gloss, or Kem Fume and Moisture-Resisting Save-Lite Eg-Shel and Gloss.

Old Work

surface preparation—Surfaces shall be cleaned thoroughly with all loose and flaking paint removed. Rusty metal shall be wire-brushed. Badly soiled surfaces must be washed.

347—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 Save-Lite Flat, Eg-Shel or Gloss or Kem Save-Lite Eg-Shel or Gloss, or Kem Fume and Moisture-Resisting Save-Lite Eg-Shel and Gloss.

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

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

Painter Craft
QUALI-KOTE
LATEX BASE



Dry Wall Construction

Architects . . . Quali-Kote, a professional painters' Latex Base paint, is for use on walls and ceilings, producing a soft velvet-smooth finish and is remarkably easy to apply. Quali-Kote is a finish of highest quality and washability. Cost of application is greatly reduced because Quali-Kote works so easily under the brush, needs no thinning and covers uniformly and completely in deep shades as well as in tints.

Quali-Kote may be specified for residences, schools, hospitals, hotels, where long wear and low maintenance costs are important considerations.

Colors

Sherwin-Williams Quali-Kote is available in beautiful, ready-to-use colors, ranging from deep shades to soft pastels. Many additional colors can be made by simple intermixes.

In addition to the regular White, the line includes a special Ceiling Flat White, designed to give the ideal flat or matte surface for ceilings.

Characteristics

One of the outstanding properties of Quali-Kote is its washability. After three or four weeks, it can be washed vigorously and repeatedly without damage. The tight impervious film formed by Quali-Kote is actually dirt-resistant and the common substances that discolor paint wipe off easily. It is therefore an excellent maintenance finish for hotels, hospitals, schools, offices, homes and public buildings.

On bare metal, Quali-Kote requires a metal primer. It may be used over a conventional oil-type primer and sealer provided the primer and sealer is thoroughly dry. Quali-Kote may also be used over Quali-Kote Dry Wall Primer.

Quali-Kote is easily applied by brush, roller-coater or spray gun. It dries in one hour. Tools may be cleaned and spatulas removed with hot, soapy water.

Surface Preparation—New Work

New plaster must be thoroughly dry. In cold, damp weather, rooms should be heated and adequately ventilated while drying. Damaged places in plaster surfaces shall be repaired with Plastic Patch—deep holes with Patching Plaster.

A first coat of Painter Craft Pigmented Wall Primer and Sealer, tinted to desired color, should be applied. Allow to dry thoroughly before applying finish coat of Quali-Kote.

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. Old paint having a gloss or semi-gloss finish shall be dulled by sanding or by washing with a solution of Tri-Sodium Phosphate or similar-type cleaner. 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.

349—Walls and Ceilings—Two Coats
Plaster and Masonry Surfaces

First Coat—Painter Craft Pigmented Wall Primer and Sealer, tinted to desired color. Allow thorough drying.

Second Coat—Quali-Kote, full body.

350—Interior Structural Steel—Three Coats

First Coat—S-W Kromik Metal Primer, full body. Allow thorough drying.

Second Coat—Quali-Kote, full body, allow overnight drying.

Third Coat—Quali-Kote, full body.

Note: Quali-Kote is supplied ready-to-use without reduction when applied by brush or roller. 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.

Dry Wall Construction is of interest to the architect as a new building technique where low cost is a factor. Figures indicate that it accounts for over half of all residential wall construction.

Sherwin-Williams, after a long period of study and testing, has developed a finishing system that gives dry wall construction the uniform appearance associated with conventional plaster. The products offered have been thoroughly tested and used on hundreds of buildings under practical job conditions.

S-W Joint Filler

This is a ready-to-use joint cement. It has the special application characteristics needed to enable the mechanic to trowel the taped joint and smooth the surface to conform perfectly with adjoining wallboard. S-W Joint Filler is non-alkaline and will not burn through subsequent paint coats.

S-W Texture Finish

This is a latex-base stippling material that comes in seven colors and white (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.

S-W Texture Finish requires no primer and one coat is normally sufficient. When extra washability and depth of color are desired, a finish coat of Quali-Kote may be applied.

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.

To secure a smooth, uniform surface in dry-wall construction, it is necessary that the wallboard be applied carefully. Damaged or badly scarred wallboard should not be used. Nails should be set below the surface of the board.

351—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.

352—Texture Finish (Using S-W Texture Finish Ready-Mixed in Color)

Joints shall be taped and nail heads filled as specified under 351 above.

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

Second Coat—(Optional) Allow overnight drying and apply a finish coat of S-W Quali-Kote in selected color.

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