

STANDARD GUIDE SPECIFICATIONS

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... For the painting of building elements.

A simplified tabular form for quick reference and
easy use by architects, engineers and contractors.

Dutch Boy^{}* *Paints*

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F oreword

In order to make the specifying of paint easier for the writer of specifications, National Lead Company has designed the present guide. The comprehensive Suggested Standard Form of Painting Specifications (pp. 15-29.) includes a *full* set of General Conditions, together with *complete* detail specifications for the painting of each building element. Here is how to use the guide effectively in specifying:

QUICK, EASY REFERENCE:

The Table of Coatings (pp. 12-14.) tells at a glance which paints are recommended for each building element under various conditions. The Description of Coats table (pp. 20-26.) tells how the paints should be applied.

SHORTER TRANSCRIPTION:

All paints, paint systems and the description of their application are designated by means of brief index symbols. These symbols are designed to be written into the specifications instead of lengthy paint nomenclature and description of application.

FEWER ERRORS:

By reducing the amount of transcription required, a major cause of errors is eliminated.

EASY INTEGRATION:

Each section and paragraph head of the present standard form of painting specifications is designated by a fill-in number which can be readily keyed to any general building specifications.

EASIER SPECIFYING:

Only two steps are required in order to produce a complete specification for painting: (1) Determine from the Table of Coatings the recommended system of coatings for each building element to be painted; (2) Using the examples in the Schedule of Coats (pp. 28-29) as a guide, draw up your own Schedule of Coats to include all building elements to be painted. Then, using the index symbols, specify the appropriate system of coatings opposite each item.

EXTRA COPIES AVAILABLE:

Extra copies of the Description of Coats table are available for attaching to specifications. Address requests to National Lead Company, 111 Broadway, New York 6, New York, (Room 1815).

In the preparation of this guide, National Lead Company wishes to express its appreciation for the skillful guidance and generous assistance contributed by Mr. Leonard S. Wegman, P. E., of Leonard S. Wegman Company, Engineers, of N. Y.

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-

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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 (2 3/4" x 1 3/4"): 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.

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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 pp. 7-8.

PRIMERS

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

701 Enamel Undercoat: A finely ground white paint for interior use as an undercoat for enamels, semi-gloss and gloss interior paints. For use on such surfaces as woodwork, cabinets and metal; also for use on porous surfaces such as plaster, to be applied over a coat of "Dutch Boy" 040 Wall Primer and Sealer. One coat provides a foundation but two or more assure the proper hiding and smoothness necessary for a top quality finish. Due to its odorless solvents, it dries with no unpleasant odor. It levels out, fills in and dries to a hard 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 re-coated 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, Offices, Stores, Schools, Factories, 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:

"DUTCH BOY" PRODUCTS

- E1 — 50-52 Ready-Mixed Enamel
- E2 — Concrete Floor Paint
- E3 — Sparkling White Enamel
- E4 — Floor and Floor Enamel
- E5 — High Lustre Enamel
- E6 — Quick-Drying Enamel

PRODUCTS DESCRIBED ON PAGE

- E7 — White Enamel
- E8 — White Enamel
- E9 — Flat Wall Enamel
- E10 — White Enamel
- E11 — Sparkling White (75% Gloss)

PRODUCT DESCRIBED ON PAGE

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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
	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

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"DUTCH BOY" PRODUCTS

P1 — 20-41 Paste Wood Enamel Primer
 P2 — 20-42 Metal Primer
 P3 — 20-43 Wall Primer and Sealer
 P4 — 20-44 Enamel Undercoat
 P5 — 20-45 Expanded Metal

PRODUCT
 DESCRIBED
 ON PAGE

P6 — 20-46 Wood Glue
 P7 — 20-47 Interior Exterior Spar Varnish
 P8 — 20-48 Interior Floor & Trim Gloss Varnish
 P9 — 20-49 Interior Satin Finish Varnish
 P10 — 20-50 Exterior Flat Satin Finish

PRODUCT
 DESCRIBED
 ON PAGE

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Table of coatings

EXTERIOR

An Index of Paint Systems for Homes, Offices, Stores, Schools, Factories, Etc.

EXTERIOR STRUCTURAL MATERIAL	ITEM	CONDITIONS TO BE MET	RECOMMENDED FINISH	NO. OF COATS	INDEX OF COATINGS		DESCRIPTION OF COAT 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 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
		Where white is desired above brick, stone, stucco or non-white surfaces	Gloss Paint (White)	3 2	H9 H9 H9 H8 H9	H8 H9	22 22
			Gloss Pure Lead Paint (White)	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 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
	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
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
				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
	Wire Screens	Any atmospheric condition	Gloss Enamel (Black)	1	E5	E5	20

KEY

"DUTCH BOY" PRODUCTS

Product Described on Page	
A1 = 29-82 Ready-Mixed Aluminum Paint	10
C1 = Concrete Floor Paint	5
E2 = Porch & Floor Enamel	6
E3 = 29-80 Screen Enamel	11
F1 = 23-11 Paste Wood Filler	11
H1 = House Paint 010 Primer	3
H2 = House Paint 110 Bright White	3
H3 = House Paint 111 Gloss White	3
H4 = House Paint 115 Flame and Mildew Resistant White	3

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"DUTCH BOY" PRODUCTS

Product Described on Page	
H5 = House Paint in Color	4
H6 = Sash & Trim	4
H7 = Masonry Paint	4
H8 = 011 White Lead Primer	4
H9 = 116 White Lead Paint	4
M1 = 030 Metal Primer	10
S1 = 011 Wood Stain	11
V1 = 30-80 Ext. Marine Spar Varnish	5

Suggested form of standard painting specifications for use by



**ARCHITECTS
ENGINEERS
CONTRACTORS**

IMPORTANT NOTE TO WRITER:

In every instance where this specifications form is used in conjunction with the specifying of "Dutch Boy" Paints, Enamels and Varnishes, the Description of Coats table, pp. 20-26, should accompany the specifications. For your convenience, and to assure that the contractor follows your instructions, extra copies of the Description of Coats table are available for attaching to specifications. Address your request to: National Lead Company, 111 Broadway, New York 6, New York (Room 1815).

To key this form of painting specifications to any general building specifications, place before each hyphenated number the number assigned to the painting section of the building specifications. If the number "29" were assigned to the painting section, for example, that number would be placed before each hyphenated number, viz. 29-01, 29-02, etc.

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— 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.

Specification 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.

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Description of coats table

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)

Standard Painting Specifications

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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			

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Description of coats table

EXTERIOR Continued...

Standard Painting Specifications

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 ¾ 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 ¾ 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 ¾ 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 ¾ 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			All wood to be back primed shall receive one coat of 011 Pure White Lead Ext. Primer
None			
1 pint turp. or min. spirits per gal.	116 Pure White Lead Paint	None	
1 pint turp. or min. spirits per gal.	116 Pure White Lead Paint (tinted)	None	
If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.			On repaint work, first spot prime any bare areas, allow to dry and then apply a primer coat to the entire surface
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	Exposed exterior metals should be painted and back primed to prevent possible discoloration of painted surfaces
If necessary, up to but not more than ¾ pint of turp. or min. spirits per gal.	29-02 Ready-Mixed Aluminum Paint	None	Three to five days of good drying weather should be allowed when using H.P. 010 Primer
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	

Description of coats table

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

Standard Painting Specifications

14
Na

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

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Description of coats table

INTERIOR Continued . . .

Standard Painting Specifications

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 Primfast 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	

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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

Schedule of coats

- 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		0000-NLI-00002

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		0000-NLI-0000
	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		

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Formulas for mixing *Dutch Boy*



PURE WHITE LEAD PAINT
PURE RED LEAD PAINT

For general requirements and surface preparation, see page 17. For description of products, see pages 4&10.

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.								¼				
GALLONS OF PAINT PRODUCED	9%	6%	6%	6%	7¼	7%	7½	6%	9%	7%	7¼	8½

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" LAMPBLACK GALS.											¾ Pt.	1¾
"DUTCH BOY" C. P. PRUSSIAN BLUE PTS.												5
DRY WHITING LBS.									22			
GALLONS OF PAINT PRODUCED	8¼	7¼ to 8¼	5¼	4¼	8%	6	6	7¼	5½	4¼	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.

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Application of *Dutch Boy*

PASTE WHITE LEAD PAINT

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.

Application of *Dutch Boy*

PASTE RED LEAD PAINT

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.

0000-NLI-000020073

For

further information

help in color planning

color samples

help in solving paint problems

... Contact your nearest

"Dutch Boy" office, listed below.



BRANCH OFFICES.....

ATLANTA • 400 Bishop St., N.W.
BOSTON • 800 Albany Street
BUFFALO • 116 Oak Street
CHICAGO • 900 West 18th Street
CINCINNATI • 659 Freeman Ave.
CLEVELAND • 1776 Columbus Road
DALLAS • 959 Terminal Street
DENVER • 1932 Broadway
DETROIT • 3501 Griffin Street
INDIANAPOLIS • 1600 E. 21 St.
KANSAS CITY, MO. • 1406 W. 13 St.
LOS ANGELES • 3113 E. 26 Street
MILWAUKEE • 808 North Third Street
NEW ORLEANS • 516 Tchoupitoulas St.
NEW YORK • 111 Broadway
OMAHA • 2810 "A" Street
PHILADELPHIA • 2607 E. Cumberland St.
PITTSBURGH • 1376 River Ave.
ST. LOUIS • 722 Chestnut Street
ST. PAUL, MINN. • 102 W. Fairfield Ave.
SALT LAKE CITY • 902 S. Main St.
SAN FRANCISCO • 2240 Twenty-fourth St.
SEATTLE • 1128 W. Spokane St.
WASHINGTON, D.C. • 1025 Connecticut Ave., N.W.

NATIONAL LEAD COMPANY

GENERAL OFFICES

111 Broadway, New York 6, N.Y.

0000-NLI-000020074

description, selection and specification
1956 SUPPLEMENTAL INFORMATION
TO 1955 STANDARD GUIDE SPECIFICATIONS BOOKLET

This supplemental folder contains all the necessary information relative to new paint finishes developed since the printing of the "Dutch Boy" 1955 STANDARD GUIDE SPECIFICATIONS booklet. Kindly add this folder to your 1955 file copy for ready reference.

Dutch Boy Paints
Reg. U. S. Pat. Off.

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NATIONAL LEAD COMPANY

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N 2641.01

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

HOUSE PAINT

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

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

bol H 10. Available in Intense White and 12 popular colors.

MASONRY PAINT

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

Table of Coatings

INTERIOR

for products described above, see page 12 for others

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	Walls, Ceilings	All normal living or working conditions, including moisture from within rooms and frequent washing of walls, as in kitchens, bathrooms, etc.; and an intense white enamel finish is desired.	Diamond White Enamel	3	P1, P2, E10		below
				2		P2, E10	below
		Living conditions as in living rooms, bedrooms, corridors, working areas, etc.; and a self priming, washable, flat finish is desired.	Nalplex Flat	2	X10, X10		below
				1		X10	below
WOOD: (ALL SPECIES— SOLIDS OR PLYWOODS)	Doors, Windows, Base, Chair Rail, Trim, Mouldings, Paneling, Plywood, Room Dividers, Closets, Cabinets	All normal living or working conditions, including moisture from within rooms and frequent washing of walls, as in kitchens, bathrooms, etc.; and an intense white enamel finish is desired.	Diamond White Enamel	3	P1, P2, E10		below
				2		P2, E10	below

Description of Coats Table

STANDARD PAINTING SPECIFICATIONS

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

NLI

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NOTE: These two 1956 Supplemental Pages cover description, selection and specification of five new paints recently added to our line. Numbered page references below apply to such pages in the 1955 edition of our STANDARD GUIDE SPECIFICATIONS. See the 1955 edition for complete information on all other products.

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

ENAMEL

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

FLAT WALL PAINT

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

Table of Coatings

EXTERIOR

for products described above, see page 14 for others

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

"DUTCH BOY" PRODUCTS AND THE PAGE ON WHICH IT IS DESCRIBED

KEY:

E10 = 717 Diamond White
Enamel above
H10 = Shake Paint
(24-00 Series) above, left

H11 = Nalcrete House Paint
(55-00 Series) above, left
P1 = 840 Wall Primer
and Sealer 9

P2 = 701 Enamel Undercoat .. 9
X10 = Nalplex Flat (72-00 Series) above

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

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NATIONAL LEAD COMPANY

BRANCH OFFICES

ATLANTA 400 Bishop St., N.W. • BOSTON 800 Albany Street • BUFFALO 779 Walden Ave., Depew, N. Y. • CHICAGO 900 West 18th Street • CINCINNATI 659 Freeman Ave. CLEVELAND 1776 Columbus Road • DALLAS 959 Terminal Street • DENVER 2 Kalamath DETROIT 3501 Griffin Street • INDIANAPOLIS 1600 E. 21 St. • KANSAS CITY MO. 1406 W. 13 St. • LOS ANGELES 3113 E. 26 Street • MILWAUKEE 808 North Third Street NEW ORLEANS 516 Tchoupitoulas St. • NEW YORK 111 Broadway • OMAHA 2810 "A" Street PHILADELPHIA 2607 E. Cumberland St. • PITTSBURGH 1376 River Ave. • ST. LOUIS 722 Chestnut Street • SALT LAKE CITY 902 S. Main St. • SAN FRANCISCO 2240 Twenty-fourth St. SEATTLE 1128 W. Spokane St. • WASHINGTON D. C. 1025 Connecticut Ave., N.W.

Dutch Boy Paints
Reg. U. S. Pat. Off.

NATIONAL LEAD COMPANY

GENERAL OFFICES

111 BROADWAY, NEW YORK 6, N. Y.

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