

15  
Sh

**SHERWIN-WILLIAMS**

# PAINTING SPECIFICATIONS

## AND BUYER'S GUIDE

THE SHERWIN-WILLIAMS CO. CLEVELAND, OHIO

A.L.A. FILE NO. 25

0007-SWP-041397

N29046

## Guide to **SHERWIN-WILLIAMS** Products and Specifications

| Index<br>by Surfaces and Materials to be covered | Page<br>No. | Specification<br>No.             | Index<br>by Product & Trade Name                            | Product<br>Descrip-<br>tion<br>Page | Specifications |                           |
|--------------------------------------------------|-------------|----------------------------------|-------------------------------------------------------------|-------------------------------------|----------------|---------------------------|
|                                                  |             |                                  |                                                             |                                     | Page           | No.                       |
| Acid & Alkali Exposure                           | 9           | 515 to 537                       | Anti-Bleeding Aluminum                                      | 8                                   | 7              | 536                       |
| Aluminum Siding & Shingles                       | 4           | 511                              | Acid & Alkali Resisting Finishes<br>(Kath A & A)            | 8                                   | 9              | 537                       |
| Brick & Stone (Exterior)                         | 4           | 511                              | Aluminum Paint                                              | 8                                   | 9              | 530, 534, 4               |
| Brick Walls (Interior)                           | See Wall    |                                  | Aluminum Siding Primer<br>(SWP Primer No. 61)               | 3                                   | 4              | 511                       |
| Ceilings                                         | See Wall    |                                  | Brick-Lite®<br>Brick & Stone Paint (SWP Value Flat)         | 6                                   | 8              | 511                       |
| Chemical Fumes                                   | 9           | 515 to 537                       | Chemical & Moisture Resisting Finishes                      | 8                                   | 9              | 536                       |
| Cinder Block (Exterior)                          | See Wall    | 511                              | Chemical Resistant Aluminum<br>(Heavy Duty Aluminum No. 94) | 8                                   | 9              | 537                       |
| Cinder Block (Interior)                          | See Wall    | 501 to 503                       | Color Harmony Flat Finish                                   | 10                                  | 10             | 538 to 549                |
| Clapboards                                       | 11          | 539                              | Color Harmony Semi-Gloss Enamel                             | 10                                  | 10             | 538 to 549                |
| Cold Storage Plants                              | See Finish  |                                  | Concrete Floor Primer                                       | 3                                   | 7              | 532                       |
| Concrete Floors                                  | See Finish  |                                  | Enamel                                                      | 5                                   | 4, 5, 7        | 501, 515, 524 to 526      |
| Concrete Walls                                   | See Wall    |                                  | Enamel Undercoater (Flat-Rite)                              | 5                                   | 5, 7           | 515, 524, 526             |
| Conduits, Metal                                  | 9           | 532, 533                         | Exterior House Paint (SWP)                                  | 3                                   | 4              | 501 to 503                |
| Dado, Floors                                     | 10          | 539                              | Exterior Metal Paint (Metalastic)                           | 8                                   | 9              | 530                       |
| Dawn, Metal (Exterior & Interior)                | 5-10        | 510, 536                         | Fast-Dry Floor Sealer (Painter Coat)                        | 6                                   | 7              | 519, 520                  |
| Dawn, Wood (Interior)                            | 12          | 513 to 515, 549                  | Flat-Rite Enamel Undercoater                                | 6                                   | 3-7            | 515, 524 to 526           |
| Dry Wall Construction                            | 9           | 532                              | Flat-Rite Color Harmony Alkyd Flat                          | 5                                   | 5              | 512                       |
| Duct, Ventilating (Galvanized)                   | 4           | 511                              | Floor Enamel (Patch & Floor Enamel)                         | 6                                   | 4-7            | 506, 507, 527 to 529      |
| Exterior Masonry                                 | 4           | 511                              | Floor Sealer                                                | 6                                   | 7              | 532                       |
| Exterior Metal                                   | 9           | 510 to 511                       | Floor Varnish (Maroon)                                      | 6                                   | 7              | 501                       |
| Exterior Wood                                    | 4           | 501 to 507                       | Fume Resisting SWP                                          | 7                                   | 4              | 508                       |
| Factory Walls & Ceilings                         | 10, 11      | 518, 541, 543 to 545             | Fume & Moisture Resisting Save-Lite                         | 11                                  | 11             | 543, 544                  |
| Fence, Metal                                     | 9           | 510, 532                         | Galvanized Iron Primer                                      | 8                                   | 9              | 538                       |
| Fence, Wood                                      | 9           | 510, 531, 537                    | Gas & Fume Resisting Paint<br>(SWP Fume Resisting White)    | 3                                   | 4              | 503                       |
| Fire Escapes, Metal                              | 4-7         | 506, 507, 527 to 529             | Gym Floor Finish                                            | 6                                   | 7              | 533                       |
| Floors, Enamelled                                | 7           | 518 to 533                       | Half-Hard Aluminum<br>House Paint (SWP)                     | 8                                   | 9              | 534, 4                    |
| Floors, Varnished                                | 7           | 511                              | Interior Water Tank Coating                                 | 8                                   |                | 501, 509, 501<br>532, 533 |
| Floors, Stained Finish                           | 7           | 511                              | Joint Filler (Dry Wall)                                     | 12                                  | 12             | 549                       |
| Galvanized Iron                                  | 9           | 511                              | Joint Acid & Epoxy Enamel                                   | 8                                   | 9              | 537                       |
| Golfers' Varies - Spooling                       | 6           | 512-513                          | Joint Fast-Dry Machine Primer                               | 11                                  | 11             | 543, 544                  |
| Gymnasium Floors                                 | 7           | 533                              | Joint Fume & Moisture Resisting Save-Lite                   | 11                                  | 11             | 543, 544                  |
| Hot Surfaces                                     | 9           | 514-534, 4                       | Joint Varnish (For Metal)                                   | 8                                   | 9              | 530, 531, 537             |
| Industrial Walls & Ceilings                      | 10, 11      | 518, 541, 543 to 545             | Joint Varnish Enamel                                        | 8                                   | 9-10           | 531, 539, 542             |
| Interior Walls & Ceilings                        | 6-7         | 518 to 515                       | Joint Varnish Semi-White Gloss                              | 6                                   | 5, 7           | 515, 524 to 526           |
| Interior Woodwork & Floors                       | 6           | 516 to 538                       | Joint Varnish White, Flat, Egg-Shell & Gloss                | 11                                  | 11             | 543, 544, 545             |
| Iron Work                                        | 9           | 530 to 537                       | Joint Varnish                                               | 8                                   | 9              | 530, 531, 537             |
| Ladders, Metal                                   | 9           | 530, 531                         | Machine Filler Dark Gray                                    | 10                                  | 10             | 542                       |
| Ladders, Metal                                   | 9           | 531                              | Machine Primer Gray                                         | 10                                  | 10             | 542                       |
| Machine                                          | 9-10        | 531, 542                         | Machine Varnish (Floor & Trim)                              | 6                                   | 6              | 516, 517, 518             |
| Metal Doors (Exterior, Interior)                 | 9           | 530, 531                         | Metallic Satin Finish                                       | 6                                   | 6              | 516, 517                  |
| Metal Partition                                  | 9           | 531                              | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Metal Roofs                                      | 9           | 530, 536, 537                    | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Metal Sides                                      | 9           | 530, 536, 537                    | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Metal Tanks (Exterior)                           | 9           | 530, 537 to 537                  | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Metal & Siding                                   | 3-10        | 530, 537 to 537                  | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Ornamental & Misc. Iron                          | 9           | 530, 531                         | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Packing House - Cold Storage                     | 11          | 530, 531, 535 to 537             | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Pipes - Flow Rating                              | 9           | 530, 531, 535 to 537             | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Pipes                                            | 5-10        | 518 to 515, 538, 539             | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Pipework                                         | 5-10        | 518 to 515, 538, 539             | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Porch Floors                                     | 4           | 506-507                          | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Roller, Metal                                    | 9           | 530, 531, 535 to 537             | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Roller, Metal                                    | 11          | 531                              | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Roofs, Metal                                     | 9           | 530, 536, 537                    | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Roofs, Shingles                                  | 9           | 509, 510                         | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Sash, Metal                                      | 9           | 530, 536, 537                    | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Sash, Wood                                       | 4           | 501 to 503                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Shakes                                           | 4           | 500, 510                         | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Shingles                                         | 4           | 500 to 511                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Shutters                                         | 4           | 501 to 503                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Siding, Wood & Aluminum                          | 4           | 501 to 503, 511                  | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Smokestacks                                      | 9           | 534-534, 4                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Structural Iron & Steel                          | 9           | 530, 535 to 537                  | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Stucco                                           | 4           | 511                              | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Tanks, Metal                                     | 9           | 530, 535 to 537                  | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Traffic Marking                                  | 3           | 501 to 503, 516, 517, 524 to 526 | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Trim, Wood                                       | 4-6, 7      | 501 to 503, 516, 517, 524 to 526 | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Varnish Work (Exterior)                          | 6           | 516-517                          | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Varnish Work (Interior)                          | 6-7         | 516 to 518, 533                  | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Ventilating Ducts                                | 9           | 532                              | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Walls, Exterior Masonry                          | 4           | 511                              | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Walls (Exterior) - Flat Finish                   | 5           | 501 to 503                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Walls (Exterior) - Semi-Gloss                    | 11          | 543 to 545                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Walls (Exterior) - Gloss Finish                  | 12          | 546, 548                         | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Walls (Interior) - Low Lustre                    | 11          | 519                              | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Walls (Interior) - Semi-Gloss                    | 11          | 543 to 545                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Walls (Interior) - Gloss Finish                  | 10          | 539, 541                         | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Walls (Interior) - Stipple Finish                | 12          | 543 to 545                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Wood Panels                                      | 4           | 549-550                          | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Wood Floors                                      | 4           | 501 to 503                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Wood Sash                                        | 4           | 518 to 538, 537, 538             | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Wood Siding                                      | 4           | 501 to 503                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Wood Trim & Shutters                             | 4           | 501 to 503                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |
| Zone Marking                                     | 3           | 501 to 503                       | Motors & Aluminum Siding Primer<br>(SWP Primer No. 61)      | 3                                   | 4              | 511                       |

\* SPECIFICATION SUPPLIED ON REQUEST

0007-SWP-041398

0007-SWP-000124792



### SWP Exterior Paint

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

### SWP Undercoater 450

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

### SWP One-Coat White 476

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

### SWP Trim and Tinting White

The ideal white for painting trim where the body of the house is painted a different color, or is brick or stone construction. Its alkali resistant pigmentation makes it most desired for such surfaces. It is also the recommended base for making light tints with the addition of Kern Tinting Colors, except Green 401 and Orange 401, S-W First Quality Colors\* or with regular SWP colors, except Solfast Red.

### SWP Fume Resisting White 436

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

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

### 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 Mildew Resistant Additive in SWP House Paint, always add Mildew Resistant Additive to the undercoat as well as succeeding coats. SWP Trim Colors possess mildew resisting qualities, therefore do not require Mildew Resistant Additive.

### SWP Exterior Velvet Flat Paint

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

### SWP Primer No. 61

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

### S-W Concrete Floor Primer

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

### Shingle Stain

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

### Other Exterior Products

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

### 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:

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

### Types of Wood

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

They may be classified into the following groups:

**Group No. 1.** Holds paint longest and suffers least when the paint film enters a period of neglect.

(a) Cedar (b) Cypress (c) Redwood.

**Group No. 2.** Holds paint as well as first group but wood does not hold up as well when repainting is neglected.

(d) Northern White Pine (e) Western White Pine (f) Sugar Pine.

**Group No. 3.** Does not hold paint as well as first and second groups and wood is more affected by weather when repainting is neglected.

(g) Hemlock (h) Ponderosa Pine (i) Spruce.

**Group No. 4.** Woods in this group give least satisfactory service as a base for outside paint.

(j) Douglas Fir (k) Western Larch (l) Southern Yellow Pine.

The Sherwin-Williams Co. • Cleveland, Ohio

0007-SWP-041399

0007-SWP-000124793

## exterior finishes



### Painting

#### Wood Surfaces

##### Preparation

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

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

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

##### Previously Painted Surfaces

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

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

##### 501—Wood Surfaces—New, Unpainted

First Coat—SWP Undercoater 450.

Second Coat—SWP Exterior Paint.

Third Coat—SWP Exterior Paint.

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

##### 502—Wood Surfaces—Previously Painted

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

First Coat—SWP Undercoater 450.

Second Coat—SWP Exterior Paint.

##### 503—Fume Resisting Exterior Paint

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

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

#### Porch Floors

##### Preparation

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

##### 506—Wood Porch Floors—New, Unpainted

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

First Coat—S-W Porch and Floor Enamel reduced with 1/2 pt. Exolvent or turpentine per gallon.

Second Coat—S-W Porch and Floor Enamel.

##### 507—Wood Porch Floors—Previously Painted

Priming—All bare spots to be primed with S-W Porch and Floor Enamel thinned with 1/2 pt. S-W Exolvent or turpentine per gallon.

First Coat—S-W Porch and Floor Enamel.

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

#### Shingles and Shakes

##### 509—Wood Shingles and Shakes—Painted

(Maximum Durability)

First Coat—SWP Undercoater 450.

Second Coat—SWP Exterior Velvet Flat Paint.

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

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

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

Second Coat—S-W Shingle Stain brushed on after shingles are laid. Add 1 pt. raw linseed oil to the gallon.

#### Masonry Walls

##### Preparation—New Work

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

##### Preparation—Old Work

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

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

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

First Coat—SWP Primer No. 61.

Second Coat—SWP Exterior Velvet Flat Paint.

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

##### Water Repellent

S-W Water Repellent is a transparent liquid material designed to repel the passage of water through above grade unpainted masonry construction materials. It penetrates the surface anywhere from 1/4 to 1/2 inch and becomes a part of the material yet it does not form a visible surface film nor does it discolor the surface. By not sealing the surface, it permits the normal passage of air and moisture through the masonry surface, thus reducing flaking, chipping and cracking damage caused by the freezing and thawing action. It minimizes water seepage through the pores; and, it will reduce or completely eliminate efflorescence of soluble salts.

Water Repellent can be used on brick, concrete, stucco, mortar cement, sandstone and concrete block. It is not effective on limestone.

0007-SWP-041400



## interior walls and ceilings

15  
Sh

### Painter Craft Products

#### Professional products of top quality

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

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

#### Wall Primer and Sealer

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

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

#### Multi-Color

S-W Multi-Color is a ready-mixed spray material for use on interior surfaces only. It is a blend of two or more colors of uniform flock size lacquer, color balanced for use as a Scatter Coat over a colored background or sprayed Full Coat over a primer. These colors remain separate

and distinct on the surface and create a pleasing decorative effect.

Scatter Coat application is the most decorative and practical for wall work in homes, factories, schools, hotels, offices, and other commercial buildings wherever beautiful wall decoration is desired. The background color is applied first in the conventional manner, allowed to dry, and then the Multi-Color of your selection is sprayed lightly over the surface. The application of Multi-Color over any surface greatly improves its washability and durability.

Full Coat application is used to advantage in areas of extreme abuse in commercial buildings such as elevators, busy corridors, and, of course, for products finishing too. There are 20 single colors and 10 ready-mixed blends in the Multi-Color Line and, by intermixing, the range of multicolored effects is unlimited.

#### Kem-Glo

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

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

#### Enameloid For Interior and Exterior Use

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

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

*Note:* For detailed work specifications, contact your local S-W Branch.

Flat-Tone Color Harmony Alkyd Flat Enamel—Odorless; Semi-Lustre Color Harmony—Odorless, refer to page 10.

### surface preparation

#### surface preparation—New Work

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

#### surface preparation—Old Work

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

#### 512—Walls and Ceilings—Flat Finish

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

First Coat—S-W Wall Primer and Sealer.

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

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

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

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

Second Coat—S-W Semi-Lustre.

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

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

First Coat—S-W Kem-Glo.

Second Coat—S-W Kem-Glo.

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

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

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

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

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

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

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

The Sherwin-Williams Co. • Cleveland, Ohio

0007-SWP-041401

0007-SWP-000124795

## interior woodwork and floors



### Painter Craft One-Day Floor Finishing System

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

### Mar-not Varnish

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

### Rexpar

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

### Floor Seal (Penetrating Varnish)

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

### Gym Floor Finish

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

### surface preparation

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

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

First Coat—S-W Oil Stain.

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

### Beauty-Lok Finishes

Beauty-Lok Finishes are a group of four products designed to offer a wide color range of stained effects on wood as well as clear finishes—Stain and Gloss—for use by themselves or over stained effects.

Beauty-Lok Clear Seal and Blond Seal produce a wide range of modern colors by the simple addition of Kem Tinting Colors.

Beauty-Lok Satin and Gloss produce "close to the grain" effects rather than a heavy surface film. Improved drying time—dust-free in 30 minutes, hard in 4 hours.

For beauty and durability, S-W Beauty-Lok products are ideal for paneled walls, doors, floors, trim, cabinets, furniture, and other interior wood surfaces.

For detailed work specifications contact your local Sherwin-Williams Branch.

### Flat-Rite (Enamel Undercoater)

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

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

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

### Kem-Namel Snow White Gloss

For Interior and Exterior Use

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

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

### Porch and Floor Enamel

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

Third Coat—S-W Mar-not Varnish reduced with 1 pint Exolvent or turpentine per gallon (Rexpar if exterior). Sand lightly.

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

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

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

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



## specifications (continued)

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

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

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

First Coat—S-W Oil Stain.

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

Third Coat—Painter Craft Fast-Dri Floor Sealer.

Fourth Coat—Painter Craft Alkyd Varnish.

Fifth Coat—When required, same as Fourth Coat.

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

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

First Coat—Painter Craft Alkyd Varnish.

Second Coat—When required, same as First Coat.

### 521—Wood Floor—Shellac Finish—Waxed

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

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

Second Coat—3# Cut White Shellac without reduction.

Third Coat—Same as Second Coat.

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

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

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

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

Second Coat—Same as First Coat.

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

### 523—Gymnasium Floors—Non-Skid Finish

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

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

Second Coat—Same as First Coat.

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

## Enameled Woodwork

### 524—Wood Doors and Trim

Enamel Finish—New Work—Three Coats

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

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

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

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

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

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

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

### 525—Wood Doors and Trim—Enamel Finish

Previously varnished or enameled work in fair condition

#### preparation

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

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

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

### 526—Wood Doors and Trim—Enamel Finish

Previously varnished or enameled work requiring removal of old finish

#### preparation

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

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

### 527—Wood Floors—Enamel Finish—New Work

First Coat—S-W Porch and Floor Enamel reduced with 1/2 pint Exolvent or turpentine per gallon.

Second Coat—S-W Porch and Floor Enamel.

### 528—Wood Floors—Enamel Finish—Old Work

All wax must be completely removed by scrubbing with cloth soaked in turpentine. For unwaxed floors, wash and dry thoroughly and either sand the surface or wipe with S-W Prep-rite to reduce the gloss of the old finish. Prime bare spots with S-W Porch and Floor Enamel reduced with 1/2 pint of S-W Exolvent or turpentine per gallon.

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

### 529—Concrete Floors

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

First Coat—S-W Concrete Floor Primer.

Second Coat—S-W Porch and Floor Enamel.

The Sherwin-Williams Co. • Cleveland, Ohio

0007-SWP-041403

0007-SWP-000124797

## 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 Kent A & A Epoxy Enamels, 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 final coat is applied. Kromik is a good primer for galvanized iron that has been weathered to the point of rusting, but is not recommended for new galvanized iron.

**application**—By brush or spray. Dries to recoat in 18 hours. Coverage 500 sq. ft. per gallon. Film 1.6 mils.

### Kem Kromik Primer

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

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

### Galvanized Iron Primer

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

**application**—By brush or spray. Dries to recoat in 18-24 hours. Coverage 500 sq. ft. per gallon. Film 1.4 mils.

### Metalastic Paint

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

**application**—By brush or spray. Set to touch 4 hours; recoat 48 hours. Coverage 600-600 sq. ft. per gallon. Film 1.6 mils.

### Kem Lustral Enamel

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

**application**—Brush or spray. Set to touch 1½ hours; recoat 16 hours. Coverage 400 sq. ft. per gallon.

### Interior Water Tank Coating

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

## Aluminum Paints

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

| Name                       | Type and Purpose          | Dries to Touch | Dries to Recoat | Max. Temp. | Sq. Ft. Cov. | Film Thickness |
|----------------------------|---------------------------|----------------|-----------------|------------|--------------|----------------|
| Silverbrite No. 15         | Ready-Mixed Int.-Ext.     | 4 Hrs.         | 24 Hrs.         | 400°F.     | 600          | 1.0 M          |
| Hi-Heat No. 55             | Ready-Mixed Interior Only | 2 Hrs.         | 10 Hrs.         | 1000°F.    | 500-600      | .4 M           |
| Heavy Duty Aluminum No. 94 | Double Comp. Int.-Ext.    | 2 Hrs.         | 18 Hrs.         | 400°F.     | 650          | 1.0 M          |
| Anti-Bleeding No. 413      | Double Comp. Int.-Ext.    | ¾ Hrs.         | 5 Hrs.          | 125°F.     | 600          | 1.0 M          |

## Kem A & A Epoxy Enamels

These enamels are designed to resist mild acids, alkalis, moisture and heat up to 250° F. Kem A & A Epoxy Primer and Enamel provide many of the important advantages of materials of the catalyst-curing type without the difficulty in handling and application. No separate activator or catalyst is required. They may be applied by brush and do not contain strong solvents which cause lifting. Available in nine colors, black and white.

**application**—By brush or spray. Set to touch in 2 hours; recoat overnight. Coverage 450 sq. ft. per gallon. Film 1.4 mils.

## Chemical & Moisture Resisting Finishes

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

**application**—Spray or brush. Set to touch in 15 minutes; recoat in 30 minutes (spray), in 4-6 hours (brush). Coverage 400-500 sq. ft. per gallon. Film 1.0 mils.

## Tank Clad Finishes

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

**application**—Chieny by spray—can be brushed with difficulty. Dries to recoat in 30-60 minutes. Coverage 350 sq. ft. per gallon. Film 0.75 mil.

## 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

15  
Sh

### Metal Surfaces

#### preparation

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

#### 530—Structural Steel and Miscellaneous Iron

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

First Field Coat—S-W Kromik Metal Primer.

Second Field Coat—S-W Metalastic or S-W Silverbrite Aluminum No. 16.

Third Field Coat—Same as Second Field Coat.

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

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

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

(Exterior and Interior)

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

Second Coat—S-W Kem Lustral Enamel.

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

### Galvanized Iron

#### preparation

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

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

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

#### 532—Galvanized Iron

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

Second Coat—S-W Metalastic, SWP House Paint or Silverbrite Aluminum No. 16.

Third Coat—Same as second coat.

#### 533—Copper Gutters, Valleys and Spouting

First Coat—S-W No. 450 Undercoater.

Second Coat—Metalastic or SWP House Paint.

Third Coat—Same as second coat.

### Hot Surfaces

#### preparation

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

#### 534—Stacks, Breechings, Boiler Fronts

(Exterior and Interior)

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

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

(Interior Only)

One or two coats S-W Hi-Heat Silverbrite Aluminum No. 35 without primer.

### Chemical Resistant Finishes

#### preparation

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

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

(Exterior and Interior)—New or Old

First Coat—S-W Tank Clad or Gripclad Primer.

Second Coat—S-W Tank Clad Intermediate.

Third and Succeeding Coats—S-W Tank Clad Enamel.

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

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

(Exterior and Interior)—New or Old

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

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

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

(Exterior and Interior)—New or Old

First Coat—Kem A & A Epoxy Primer or Kromik Metal Primer.

Second and Succeeding Coats—S-W Kem A & A Epoxy Enamel, or Heavy Duty Aluminum No. 94.

The Sherwin-Williams Co. • Cleveland, Ohio

0007-SWP-041405

0007-SWP-000124799



## Planned Color Harmonies

The selection of proper colors and color combinations for room interiors is an important consideration, especially in offices, schools, factories, stores, hospitals, etc. In addition to its decorative function, color is a morale builder, has an important bearing on safety and encourages good housekeeping. Taking this into consideration, The Sherwin-Williams Co. has carefully developed a planned series of colors in flat and semi-gloss finishes for such surfaces. These colors are made up of 10 Flat-Tone Color Harmony Finishes and 13 Semi-Lustre Color Harmony Finishes. Ten of the 13 Semi-Lustre Color Harmony are color matches to Flat-Tone Color Harmony, enabling you to have matched woodwork and walls where necessary. The three additional Semi-Lustre Finishes were specifically designed in color for dado use.

### Flat-Tone Color Harmony Alkyd Flat Enamel—Odorless

A washable flat enamel that produces a rich, velvety finish for interior walls and ceilings, on plaster, wallboard, masonry and woodwork.

Table of Light Reflection Values

| Flat-Tone and Semi-Lustre Color Harmony Colors | LR Value | Flat-Tone and Semi-Lustre Color Harmony Colors | LR Value |
|------------------------------------------------|----------|------------------------------------------------|----------|
| White                                          | 87       | Alaskan Turquoise                              | 36       |
| Ivory                                          | 78       | Sierra Green                                   | 34       |
| Buttercup Yellow                               | 73       | Coral                                          | 32       |
| Crest Green                                    | 56       | Saddle Tan                                     | 28       |
| Peach Tone                                     | 53       | *Warm Gray                                     | 29       |
| Gullskinn Blue                                 | 48       | *Earthen Rose                                  | 24       |
| Driftwood                                      | 47       | *Wintergreen                                   | 12       |

\*Semi-Lustre Color Harmony Only.

#### Characteristics:

Application—By brush, spray or roller.  
Reduction—If necessary, use S-W Solvent or turpentine.  
Coverage per gallon—400-500 sq. ft., one coat.  
Drying time—Semi-Lustre Color Harmony—  
To touch, 2 hrs. To recoat, 18-24 hrs.  
Flat-Tone Color Harmony—  
To touch, 2 hrs. To recoat, 48 hrs.

### Semi-Lustre Color Harmony Alkyd Finish—Odorless

An interior alkyd wall finish of high quality, producing a soft, pleasing semi-gloss enamel finish for walls, dado and trim, machines, and equipment. It is an oil resistant material, extremely durable and easy to apply.

#### New Work

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

Wood doors and trim shall be sanded smooth.

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

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

Second Coat—S-W Flat-Tone Color Harmony or Semi-Lustre Color Harmony.

Wood surfaces subject to severe moisture condensation shall have a priming coat of S-W Undercoater 460 in addition to the two coats specified above.

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

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

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

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

First Coat—S-W Save-Lite Undercoater, adding one pint raw linseed oil per gallon.

Second Coat—S-W Flat-Tone Color Harmony or Semi-Lustre Color Harmony.

Third Coat—S-W Flat-Tone Color Harmony or Semi-Lustre Color Harmony.

#### Old Work

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

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

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

Second Coat—S-W Flat-Tone Color Harmony or Semi-Lustre Color Harmony.

#### 542—Machine Enamel Finish—Four Coats

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

First Coat—S-W Kem Fast-Dri Primer Gray—sanded.

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

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

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

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

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

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



## whites for industrial plants

15  
Sh

### Save-Lite White Products

for maximum illumination in factories,  
schools, stores, offices

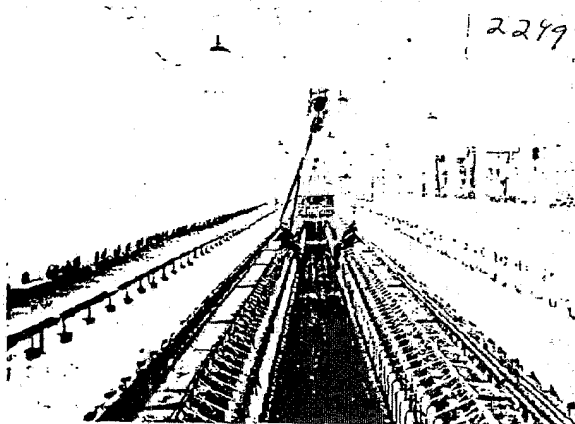
SAVE-LITE PRODUCTS are manufactured only in white and are the whitest paints it is possible to make. They are designed expressly to improve room lighting through high light reflection value (approximately 90%) on ceilings and walls and to retain their original whiteness for a long period of time. Save-Lite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

### Kem Save-Lite

A brilliantly white synthetic white finish of great durability. The gloss B58W15 produces a beautiful, tile-like surface highly resistant to moisture, mold, and mild chemical fumes; it is lead-free. Recommended for textile mills, paper mills, food plants, distilleries, laundries, and other plants where moisture resistance and sanitation are important. Available in Flat, Eg-Shel and Gloss Finish.

### Kem Fume and Moisture Resisting Save-Lite

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



### Cold Storage Semi-Gloss White

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

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

### Save-Lite Primer and Sealer, Save-Lite Undercoater

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

### New Work

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

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

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

**First Coat**—On Brick, Plaster, Concrete—S-W Save-Lite Primer and Sealer.

On Wood—S-W Save-Lite Undercoater, adding 1 pt. raw linseed oil per gal.

On Structural Steel—Shop Coat, S-W Kromik Metal Primer.

**Second Coat**—S-W Save-Lite Undercoater.

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

**note:** On new brick, plaster, concrete or wood, two coats may be satisfactory. In which case eliminate Second Coat in the above specification. Three coats are always required on structural steel; first or shop coat—Kromik Metal Primer, followed by Save-Lite Undercoater and a finish coat of Save-Lite as selected.

### Old Work

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

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

**First Coat**—Over old paint—S-W Save-Lite Undercoater.

If old paint is porous use Save-Lite Primer and Sealer. On wood where old paint has failed, use SWP Undercoater 450. On Structural Steel, prime rusted areas with Kromik Primer followed by Save-Lite Undercoater over all.

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

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

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

The Sherwin-Williams Co. • Cleveland, Ohio

0007-SWP-041407

0007-SWP-000124801

Painter Craft  
**QUALI-KOTE**  
LATEX BASE



*P. Schenck*  
**Dry Wall Construction** J. 2 3 1955

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

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

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

**Application.** By brush, roller or spray. Dries in one hour. Tools may be cleaned and splatters removed with hot, soapy water.



**Surface Preparation—New Work**

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

**Surface Preparation—Old Work**

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

**Surface Preparation—Metal Surfaces**

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

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

*Plaster and Masonry Surfaces*

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

**547—Interior Structural Steel—Three Coats**

**First Coat—S-W Kromik Metal Primer.**

**Second Coat—Quali-Kote.**

**Third Coat—Quali-Kote.**

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

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

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

**First Coat—S-W Quali-Kote.**

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

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

**S-W Joint Filler**

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

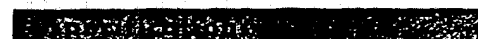
**Painter Craft Texture Finish**

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

**Quali-Kote Dry Wall Primer**

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

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



**549—Taping Dry Wall Joints**

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

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

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

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

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

**550—Texture Finish (Using Painter Craft Texture Finish)**

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

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

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