

HIGH PERFORMANCE ACRYLIC STAIN BLOCK PRIMER/SEALER

2-20

DESCRIPTION:

ACRYLIC STAIN BLOCK is a durable high performance sandable acrylic/alkyd, stain block primer-sealer. ACRYLIC STAIN BLOCK is designed for interior or exterior use on all ferrous and non-ferrous metals, wood and wood by-products, masonry and gypsum drywall. In case of severe bleeding when used over cedar or redwood or flash rusting over ferrous metal, a second coat may be required. ACRYLIC STAIN BLOCK may also be used to block out smoke damage and other stains such as ketchup and mustard. ACRYLIC STAIN BLOCK may be topcoated with either latex, alkyd, oils or epoxies. ACRYLIC STAIN BLOCK features water clean-up and easy application with brush, roller or spray.

SPECIAL CAUTIONS:

Keep packaged material from freezing. If material has been frozen, do not stir until completely thawed. If material, when stirred after thawing, is of uniform consistency and has a suitable viscosity with no lumps, it may be used.

Do not apply primer when surface, air or material temperature is below 50°F. (10°C).

SURFACE PREPARATION:

GENERAL – Surfaces must be clean. Remove oil and grease with paint thinner. Clean off dirt with a detergent solution and rinse with clean water. Refer to “**Surface Preparation Guide**” for more detailed instructions.

UNFINISHED SURFACES:

WOOD/WOOD BY-PRODUCTS – Bare wood may be primed with Acrylic Stain Block. Spot prime all knots then follow with one full coat of Acrylic Stain Block to entire area. Woods that are high in tannin content may require two coats. Previously coated surfaces should be spot primed as needed.

FERROUS METAL – Bare iron and steel may be primed with Acrylic Stain Block. For maximum rust inhibitive performance use our Industrial Rust Inhibitive Alkyd Metal Primers. Previously coated surfaces should be spot primed as needed.

NON-FERROUS METAL – Galvanized and aluminum should be wiped clean with paint thinner to remove any oils. Unfinished aluminum should be lightly scuff sanded. Unfinished surfaces may be primed with Acrylic Stain Block. For maximum performance use our Galvanized Metal Primer. Previously coated surfaces should be spot primed as needed.

DRYWALL – Unfinished drywall should first be coated with Acrylic Stain Block and allowed to dry. Previously coated surfaces should be spot primed as needed.

HARDBOARD SIDING - New unprimed and factory pre-primed composition hardboard should be finished within 30 days of installation. A minimum field applied two coat system is required, consisting of one coat of Acrylic Stain Block and one coat of topcoat. Previously coated surfaces should be spot primed as needed.

MASONRY AND CONCRETE – New surfaces must be fully cured (minimum of 60 days) prior to finishing. Concrete may need to be etched prior to coating. Unfinished surfaces should first be primed with Acrylic Stain Block and allowed to dry. Rough or porous concrete and haydite block should be filled with Block Filler and allowed to dry, then primed with Acrylic Stain Block, if desired. Previously coated surfaces should be spot primed as needed.

PREVIOUSLY FINISHED SURFACES:

Remove all loose and scaling paint with stiff putty knife, scraper or wirebrush. Sand to feather edges and roughen glossy slick areas.

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PREVIOUSLY FINISHED SURFACES: (continued)

Wash off dirt and chalk with a detergent solution, then rinse off with a strong stream of water. Slick soaps may form on the surface of aged unexposed old house paint films, particularly under eaves. These will prevent adhesion of the primer unless removed using the same procedure as for dirt and chalk.

Remove mildew using a commercial mildew remover or a solution of one-quart household chlorine bleach with three quarts of water. CAUTION – DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER MIXTURE. Protect eyes with goggles and hands with rubber gloves. Apply solution to affected areas and allow to stand until mildew is bleached and then rinse well with water. Badly affected areas may require two treatments.

Replace all missing or loose caulking around door and window areas.

MIXING:

Stir each container thoroughly prior to use. No thinning is required for brush application.

APPLICATION:

Application with nylon brush is preferred particularly on raw wood. Apply evenly and work into pores and recessions in the wood at recommended coverage rate.

Do not apply primer when surface, air or material temperature is below 50°F. May be applied in damp, humid weather, but do not apply when rain is imminent.

In extremely hot weather, dampen the surface with water prior to painting. Paint in shaded areas when possible and wash brushes periodically.

To spray, use the following recommendation or equal as a guide:

AIRLESS SPRAY:	
Tip013 - .017"
Fan	40° - 60° (8-12 inch fan)
Pressure	1500 – 2500 PSI

CLEAN UP:

Clean brushes after each use with warm soapy water, and then rinse with clean water.

COVERAGE:

Acrylic Stain Block should be applied at a maximum spreading rate of 400 square feet per gallon on smooth surfaces. Rough surfaces will require more paint. Approximate dry mil thickness of 1.6 mils at recommended maximum spreading rate of 400 square feet per gallon on smooth surfaces.

DRYING:

Optimum drying conditions are 60°F to 90°F. (16°C to 32°C) at 50% R.H.

To Touch	30 Minutes
To Sand (under ideal conditions)	1 Hour
To Recoat	2 Hours

It is recommended that topcoat be applied with 7 days of primer application. For best sanding properties allow overnight dry.

Lower temperatures and high humidity will slow dry.

RECOMMENDED TOPCOATS:

Acrylic Stain Block may be topcoated with oil, alkyd, latex or epoxy finishes.

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Values based on **Acrylic Stain Block Primer White, 0790**

Weight Gallon: 10.88

Weight Solids: 54.5%

Volume Solids: 41.5%

Coverage:

@ 1 Dry Mil: 665 sq.ft./gallon
@ Spread Rate: 400 sq.ft./gallon (4.0 mils wet)
Deposits a 1.6 mil dry film

VOC (g/l): Not to Exceed 350

Viscosity: 95-100 K.U. @ 77°F.

Gloss @ 60: 20 Max

Grind (Hegman): #3

DOT Class: Non-Combustible, Not Required

Federal Specification: TT-P-1975 Performance Alternate

HMIS/NFPA: 1,0,0

Cure Time (Based on 70°F & 50% R.H.):

To Touch	30 Minutes
To Sand (under ideal conditions)	1 Hour
To Recoat	2 Hours

Recommended Thinner: Water for clean-up and reduction for spray

Temperature Resistance: Continuous 150°F, Intermittent 200°F.

CAUTION! Do not take internally. Close container after each use. Use only with adequate ventilation. KEEP OUT OF THE REACH OF CHILDREN. For specific safety requirements, refer to the Material Safety Data Sheet. Protect from freezing.

LIMITATION OF LIABILITY: To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance, but is subject to change without prior notice. We make no guarantee of any kind, express or implied, including merchantability and fitness for particular purposes. Liability, if any, is limited to replacement of the product or refund of the purchase price. Labor, or cost of labor, and other consequential damages are hereby excluded.

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