

**Architectural Coatings****REZ® PERMANIZER PLUS® Exterior Wood Stabilizer Latex****Generic Type****Tinting and Base Information**

Modified Acrylic Latex

DO NOT TINT.

77-102 Clear

General Description

Our premium exterior acrylic wood stabilizer is formulated to meet the performance requirements of residential and commercial applications. PERMANIZER PLUS® stabilizes plywood veneer, reduces face checking and cracking, and provides excellent adhesion over smooth and textured wood surfaces, including lumber, plywood, chalk and hard gloss substrates. For best results, use water-based solid color stains and paints as topcoats. Recommended for use on properly prepared new or weathered wood, weathered aluminum or vinyl siding, composite cement board.

Recommended Uses

Composite Cement Boards
Lumber
Plywood
Weathered Aluminum Siding
Weathered Vinyl Siding

Features / Benefits

Unique, Proprietary Resin
Reduces Face Checking and Cracking
Excellent Adhesion
Water-Resistant
Stabilizes Surfaces
Soap & Water Clean-Up

Limitations of Use

Apply when air, product and surface temperatures are above 50°F (10°C) and at least 5°F (3°C) above the dew point. Avoid priming late in the day when dew or condensation are likely to form or if rain is threatening. Not recommended as a clear, must be topcoated. Not recommended for decks, redwood, cedar or immersion service. When staining over REZ® PERMANIZER PLUS®, slight color and/or sheen changes may occur. If this is a concern, apply a system test patch before proceeding.

Product Data

Gloss: Clear
VOC*: 1.94 lbs/gal (233.00 g/L)
DFT: 1.00 minimum to 1.20 maximum mils
Coverage: 400 to 500 sq. ft./gal. (37 to 46 sq. m/3.78L)
Note: Does not include loss due to varying application method, surface porosity, or mixing.
Volume Solids*: 29.4% +/- 2.0%
Weight Solids*: 32.6% +/- 2.0%
Viscosity: 24 to 37 sec #4 Ford Cup
Weight/Gallon: 8.6 lbs. (3.9 kg) +/- 0.2 lbs. (91 g)
Cleanup*: Soap and Water

*Product data calculated on product 77-102.**Drying Time:**

To Touch: 30 minutes
To Handle: 30 minutes
To Recoat: 16 hours
To Full Cure: 30 days

Dry Time @77°F (25°C); 50% relative humidity

Flash Point: 152°F, (67°C)

Architectural Coatings

REZ® PERMANIZER PLUS® Exterior Wood Stabilizer Latex

General Surface Preparation

Surface to be primed must be clean, dry, and free of dirt, loose and peeling paint, mildew, chalk, grease, rust, and other surface contaminants. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Remove and inhibit regrowth of mildew by using MILDEW CHECK® Multi-Purpose Wash, 18-1, by PITTSBURGH® Paints. Before use, be sure to read and follow the instructions and warnings on the label.

NEW WOOD: New wood should be sanded smooth and wiped clean. Any knots or resinous areas should be sealed with shellac. Countersink all nails. Putty flush with surface.

PREVIOUSLY PAINTED WOOD: All excessive chalking must be removed and the surface rinsed thoroughly. Remove all loose, peeling, or flaking paint by scraping or sanding. Feather back all rough edges to a sound surface by sanding.

WEATHERED VINYL SIDING: Weathered vinyl siding may present potential adhesion problems. PERMANIZER PLUS® should be spot applied, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed. If an adhesion problem is evident or suspected, the surface must be scuff-sanded prior to proceeding to ensure mechanical adhesion.

Recommended Primers

none

Refer to Surface Preparation Recommendations.

Directions for Use

Stir thoroughly before and occasionally during use. For new wood, apply a full even coat by brush, roller or spray. For previously stained or weathered wood, apply a full even coat by brush or roller. If applied by spray, product must be back rolled or brushed. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 100°F	10 to 38°C
Substrate	50 to 100°F	10 to 38°C

PPGAF believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.

Application Information

Recommended Spread Rates:

Wet Mils :	3.2 minimum to	4.0 maximum
Wet Microns:	81.3 minimum to	101.6 maximum
Dry Mils :	1.0 minimum to	1.2 maximum
Dry Microns:	25.4 minimum to	30.5 maximum

Application Equipment: Apply with a high quality brush, roller, paint pad, or by spray equipment. Where necessary, apply a second coat.

Airless Spray: Pressure 1000 psi, tip 0.013" - 0.017"

Brush: Polyester/Nylon Brush

Roller: 3/8" - 3/4" nap roller cover.

Thinning:

No thinning is required.

Packaging: 1-Gallon (3.78L)
Quart (946 mL)

Not all products are available in all sizes.



PITTSBURGH PAINTS
A new generation of paint company
for a new generation.

PPG Architectural Finishes, Inc.
One PPG Place
Pittsburgh, PA 15272

www.pittsburghpaints.com

Technical Services:
1-800-441-9695
Architect/Specifier:
1-888-774-7732
International Sales:
(412) 434-2049

PPG Coatings, Inc.
Coatings and Resins Group
5546 Timberlea Blvd.
Mississauga, Ontario L4W2T7
(905) 238-6441

Bulletin: 77-102

Additional copies of this bulletin can be obtained from our web site or by calling 1-800-428-7806.

Rev. 3/2000