



ZERO V.O.C. ELASTOMERIC ADHESIVE
PERMABOND FREE™
WATERPROOFING & BONDING
CLEAR ROOF PRIMER SEALER

PRODUCT DATA
#7596
05/15/17

PRODUCT DESCRIPTION:

PERMABOND FREE™ is a ZERO V.O.C., Clear Transparent, Elastomeric Acrylic, Waterproofing Adhesive, Bonding Primer Sealer. A waterborne, latex based, high resin content formula that contains no fillers or pigments. It is designed to prepare roofing surfaces for a finish coating. **PERMABOND FREE™** rejuvenates, revitalizes and strengthens the surface to which it is applied, helping to prevent cracking, efflorescence, spalling and segregation. **PERMABOND FREE™** will bond, seal and waterproof most any new or existing exterior roofing surface, and is excellent for locking down small amounts of loose gravel. Excellent penetrating characteristics enable **PERMABOND FREE™** to permeate into the substrate providing a permanent bond to the finish coat. On non-porous substrates, the high resin content provides excellent adhesion to the surface then forming a tight bond to the finish coat. The bond that is formed between **PERMABOND FREE™** and the finish coat eliminates any possibility of moisture under the finish coat thus extending the coatings life considerably. Designed as a primer coat for the **PERMAFREE™** Roof Coating System, but can be used as a primer for most any latex based paint or coating. A coat of **PERMABOND FREE™** or **METAL-PRIME RED-OX™** is required as a primer for warranty conformance for the **PERMAFREE™** Roof Coating System. Inquire about all details including specific instructions and application procedures when a Nationwide Material Warranty is desired.

PRODUCT USES:

Excellent adhesion on most any sloped or flat roof surfaces (not exceeding ½ of an inch of Ponding Water in any area of roof surface) including: weathered wood, shakes, plywood, clapboard, primed metal, galvanized, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, styrofoam, adobe, brick, stucco, concrete, clay, masonry, slate, slab, built-up-roofs, modified bitumen membranes, rolled roofing, mineral surfaced roofing and various other substrates. For use on residential, commercial and industrial applications.

STAINS: Spot prime all stains before priming entire area. **PERMABOND FREE™** will seal most stains. If stain persists, an alkyd stain blocker should be used.

SURFACE PREPARATION:

For proper adhesion it is essential that the surface is prepared properly. Clean Exterior Surfaces by thoroughly pressure washing with a water and chlorine solution using at least 1500 P.S.I. to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae. **PERMABOND FREE™** will resist mildew growth, but will not kill mildew already on the surface. Rinse thoroughly. Remove loose paint and powdery substances. Patch any holes, cracks, seams, imperfections, etc., with **PERMAPATCH™**, Waterproofing Caulk & Sealant.

Metal: Clean surface of all grease, oil and foreign matter before priming. Rusted metal and uncoated metal must be primed with **METAL-PRIME RED-OX™**, a Red Iron Oxide Primer Sealer. Use a degreaser on galvanized or coated metals which have oils or surface treatments. Check **PERMABOND FREE™** adhesion on galvanized or coated metal by applying to a small area and evaluating after 48 hours. If lack of adhesion is present after evaluating, metal must be lightly scuffed without penetrating the coated finish or galvanizing. If applicable, use **METAL-PRIME RED-OX™** to spot prime the penetrated areas, then use **PERMABOND FREE™** Primer for entire coated or galvanized surface.

NOTE: New masonry must age 60 days before priming or you can apply a sealer coat of **CHALK FORCE™** Surface Conditioner & Chalk Sealer before **PERMABOND FREE™**.

APPLICATION PROCEDURE:

Stir well before using. Do not thin, use product as is. Do not apply when temperatures are below 45 degrees Fahrenheit or when humidity is very high. Do not apply when coating will be subjected to rain or heavy dew before it has had enough time to dry (approx. 1 to 2 hours). Drying time will vary depending on temperature, humidity and location. Apply using brush, roller or spray. Spread primer uniformly. Spread Rate will vary depending on substrate. Apply a coat between 10 to 16 mils wet film thickness. Wait at least 4 hours before applying a compatible paint or coating.

Airless Sprayers: Use at least a 1 gallon per minute piston type airless sprayer with a minimum tip size of .021. Remove all line filters and gun filters before spraying.

Clean Up: Clean all spills and tools immediately after use while coating is wet with warm soapy water.

Roof Primers

Ambient Temperature of 77°F and RH of 50%

TECHNICAL SPECIFICATIONS:

Rates & Times May Vary Beyond Specifications

FINISH:	Transparent	SPREAD RATE:	100 to 150 sq.ft./gal.
COLOR:	Clear (non-pigmented)	DRY to TOUCH:	1 to 2 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	4 Hours
SOLIDS by WEIGHT:	40% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	36% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	0 lbs./gal. • 0 g/liter	GALLON WEIGHT:	8.8 lbs. +/- .3 lbs.

Information presented on this Data Sheet has been compiled from sources to be reliable, and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.

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