X-I-M® PEEL BOND™
HIGH-BUILD BONDING PRIMER/SEALER

DESCRIPTION AND USES

XIM® Peel Bond™ is a high-build, water-based, bonding primer/sealer formulated to bond to and seal a wide range of construction surfaces. It can reduce cracking and peeling of the topcoat paint by remaining flexible over the life of the paint. It can help reduce the time spent on surface preparation but it is not a substitute for recommended preparation.

Peel Bond is designed for use as a prime coat for wood, plywood, drywall, hardboard and T1-11 siding, as well as other architectural construction materials including stucco, brick, aluminum, galvanized metal, fiberglass, PVC plastic, PVC siding and previously painted surfaces. It is suitable for use as a penetrating sealer for raw wood and will seal stucco, concrete and plaster also bridging hair-line cracks.

MPI #17, E2, Green Certified, GPS-1. Refer to the MPI website for the most current listing of MPI certified products.

PRODUCTS

SKU	DESCRIPTION
11462	5-Gallon
11461	1-Gallon
11466	1-Quart

PRODUCT APPLICATION

SURFACE PREPARATION

Surfaces must be clean and dry, free from dust, dirt, grease, oil, wax, mildew, rust and other surface contaminants. The surface should be sound and stable. Clean with a strong detergent, rinse and allow to thoroughly dry. Remove all loose and peeling paint. Spot prime areas that require additional filling. Mold or mildew surfaces should be scrubbed with a mixture of one part household bleach and three parts water; then thoroughly rinsed with clean water and allowed to dry. Rotted or damaged wood should be replaced. The moisture content of the wood should be below 15% at application.

WARNING: If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

PRODUCT APPLICATION (cont.)

APPLICATION

Use in a well-ventilated area when temperatures are between 40-100°F (4-38°C). It can be applied in high humidity conditions up to 90% relative humidity. Thoroughly mix before using. Do not thin. Apply with a synthetic fiber brush, synthetic pad, ½" nap synthetic roller, or airless sprayer. Follow manufacturer's instructions when using spray equipment. For airless spraying use a 0.015 to 0.019" tip at 1200 to1500 psi.

Peel Bond goes on white and dries to a hazy clear. Once it has turned to a hazy clear, it is ready to recoat or topcoat. Minimum recommended film thickness is 4-6 mils dry (15-23 mils wet). It can be applied at heavier films but not to exceed 25-30 mils wet per application.

Topcoat only water-based latex paint or elastomeric coatings. Since Peel Bond remains flexible, do not topcoat with alkyds or other paints that dry to a hard finish such as epoxies or urethanes. Always test a small area first for adhesion and topcoat compatibility.

NOTE: Do not use as a primer over silicone caulks.

NOTE: Peel Bond will not reattach loose or peeling paint, which must first be removed to create a sound, stable surface. Peel Bond will not resolve underlying moisture problems inherent in or behind the substrate.

NOTE: Peel Bond can help fill and level rough surfaces, however, it is not intended as a replacement for wood fillers, caulk or drywall mud.

TINTING

Peel Bond can be tinted with up to two ounces of universal colorant per gallon.

DRY & RECOAT

Dry and recoat times are based on 70ºF (21°C) and 50% relative humidity. Allow more time at cooler temperatures. Thicker coats will take longer to dry. Dries to the touch in 30-60 minutes and can be topcoated in 1-2 hours.

CLEAN-UP

Clean up tools and equipment immediately with soap and water. Properly discard empty container.

Form: GDH-716
Rev.: 032426

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PHYSICAL PROPERTIES

		PEEL BOND HIGH-BUILD BONDING PRIMER/SEALER
Resin Type		Water-based Acrylic
Pigment Type		Aluminum Silicate, Calcium Carbonate, Crystalline Silica, Zinc Oxide
Weight	**Per Gallon**	9.1 lbs.
	Per Liter	1.09 g/l
Solids	**By Weight**	32.5%
	By Volume	26.4%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		4.0-6.0 mils minimum (do not exceed 8 mils) 100-150µ minimum
Wet Film to Achieve DFT (unthinned material)		15.0-23.0 mils minimum (do not exceed 30 mils) (375-575µ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		50-100 sq. ft./gal. (1.2-2.4 m^2/l) Varies depending on porosity and type of surface
Dry Times at 70-80ºF (21-27ºC) and 50% Relative Humidity	**Touch**	30-60 minutes
	Topcoat	1-2 hours
Shelf Life		5 years
Flash Point		NA – TCC, per ASTM D-56
Storage		Not to exceed 110°F (43°C) Keep from freezing
Safety Information		For additional information, see SDS

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

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