



TECHNICAL DATA

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*

PRODUCTS

SKU	Description
1146C1	3.61 L (1-Gallon)

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. Mould 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.

APPLICATION

Use in a well ventilated area when temperatures are between 4-38°C (40-100°F). 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, 15mm (½") 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 to 1500 psi.

* Refer to the MPI website for the most current listing of MPI certified products.

PRODUCT APPLICATION (cont.)

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 (14-21 mils wet). It can be applied at heavier films but not to exceed 35-40 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 up to 60 mL (2 oz) of tint per 3.61 L with universal colourants. It can also be tinted by adding small quantities of the topcoat paint 236 mL (8 oz) per 3.61 L to provide an opaque, guide coat.

DRY & RECOAT

Dry and recoat times are based on 25°C (77°F) 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.

COVERAGE

Coverage will vary between 4.6 - 37.2 m² (50 - 400 ft²) per 3.61 L, depending on dry film thickness.

CCCR

CAUTION: Use only in a well ventilated area. Do not breathe vapours. May irritate eyes and skin. Do not get in eyes, on skin or clothing. **KEEP OUT OF REACH OF CHILDREN.**

FIRST AID TREATMENT: If breathed in, move person to fresh air. If swallowed call Poison Control Centre or doctor immediately. Do not induce vomiting. If on skin, rinse well with water.

VOC: Less than 100 g/l. **KEEP FROM FREEZING.**

**TECHNICAL DATA****PEEL® BOND HIGH-BUILD BONDING PRIMER/SEALER****PHYSICAL PROPERTIES**

Physical Properties		PEEL BOND HIGH-BUILD BONDING PRIMER/SEALER
Resin Type		Water-based Acrylic
Pigment Type		Aluminum Silicate, Calcium Carbonate, Crystalline Silica, Zinc Oxide
Solvents		Propylene Glycol, Water
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)		14.0-21.0 mils minimum (do not exceed 35-40 mils)
Theoretical Coverage @ 1 mil DFT (25µ)		10.4 m ² /l (423 sq.ft./gal.)
Practical Coverage at Recommended DFT (assumes 15% material loss)		1.2-2.4 m ² /l (50-100 sq.ft./gal.) Varies depending on porosity and type of surface
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	30-60 minutes
	Topcoat	40-60 minutes
Shelf Life		5 years
Flash Point		NA – TCC, per ASTM D-56
Storage		Not to exceed 43°C (110°F) 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.