Peel Bond®

High Build, Water Based, Bonding # 1146 Bonding Primer/Sealer

Dries to a Hazy Clear

Applications:

For Priming
- Wood
- T-111 Siding
- Plywood
- Hardboard

As Well As . . .
- Stucco
- Brick
- Fiberglass
- Aluminum
- Galvanized
- PVC Plastic
- Previous Paint

Features and Benefits:

- High Build
- Water Based
- Soap & Water Clean up
- Low Odor
- Clear (Hazy)
- Primes and Seals
- Helps Bond Paint
- Compatible With: Latex Paints Only
- Cures at Temp. as Low as 40°F Surfce Temp.
- Cure at Humidity up to 90%

(Master Painters Institute)
MPI Green Certified; GPS-1
MPI #17, E2

LEED® COMPLIANCE

Complies with LEED® 09 Non-Flat Coating. 150 g/l VOC max. and a minimum gloss of 15 on a 85° gloss meter.

LEED® 09-NC (New Construction)
LEED® 09-CI (Commercial Interiors)
LEED® 09-HC (Health Care)
LEED® 09-H (Homes)
LEED® 09-S (Schools)

Product Description:

XIM's Peel Bond is a unique, high build, water-based, penetrating, bonding primer/sealer. It is formulated to bond-to and seal a wide range of construction materials. It can reduce the cracking and peeling or the top coat paint by remaining flexible over the life of the paint. It can help reduce the time spent on surface Preparation, however, it is not a complete substitute for all surface preparation and all surface conditions.

Using XIM's X-STAY™ TECHNOLOGY

Now Peel Bond can be applied 33% Thicker. Apply up to 40 mils wet without running or sagging. For even better sealing and filling !

IEQc4.2: Low Emitting Materials – Paints and Coatings
Meets Green Seal Standard GS-11, Paints, Third Edition, Aug., 2011 (See below)

Product Use: Peel Bond is an ideal prime coat for wood, plywood, hardboard and T1-11 siding, as well as other architectural construction materials including: stucco, brick, aluminum, galvanized metal, fiberglass, PVC plastic and PVC siding, and previously painted surfaces.

Note: Peel Bond will not reattach loose or peeling paint, which must first be removed to 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.

Packaging Data:		**Peel Bond #1146**	
Gallons	-	4 per carton	#1146-1
Quarts	-	6 per carton	#1146-2
Pails	-	5 gallon capacity	#1146-6

Product Preparation: Apply directly from the can, no thinning is required. If thinning is desired, use XIM's Latex X-Tender. If tinting is desired, use up to 2 ounces of universal tint per gallon. Do not exceed 2 ounces of tint per gallon. It can also be tinted by adding small quantities of the Top Coat latex paint (½ Pint per gallon) to provide an opaque, guide coat. Mix or shake well before application.

Product Storage: Not to exceed 110° F.

Surface Preparation: Be sure the surface is clean and dry, free from dust, grease, wax, oil, and other surface contaminants. Clean with a strong detergent, rinse and allow to dry. Remove all loose and peeling paint. The surface should be a sound, stable surface. Spot prime areas that require extra filling. The moisture content of wood should be below 15% at application. Moldy or mildewed surfaces should be scrubbed with a mixture of one part of household bleach and three parts of water, then thoroughly rinsed with clean water and allowed to dry.
Rotted wood should be replaced.

XIM . . . When Ordinary Primers Are Not Enough!

Application: Apply by synthetic fiber brush, synthetic roller or by spray. Can be applied at temperatures as low as 40° F. It can also be applied in high humidity conditions, up to 90% relative humidity. Under standard conditions, 77° F and 50% RH, Peel Bond will dry to touch in about 30 minutes. Thicker coats will take longer to dry. It can be top-coated in 40-60 minutes, under normal conditions. Peel Bond goes on white and dries to a hazy, clear. Once it has turned to the hazy, clear, it is ready to recoat or topcoat. It can be heavily applied, up to40 mils wet in one application on a vertical surface, however, many applicators apply a first coat of 15-20 mils to see how the surface looks. They follow with a second coat as required. Coverage will vary between 50 to 200 square feet per gallon, depending on dry film thickness. **NOTE: Peel Bond is not recommended for horizontal walking surfaces such as decks.**

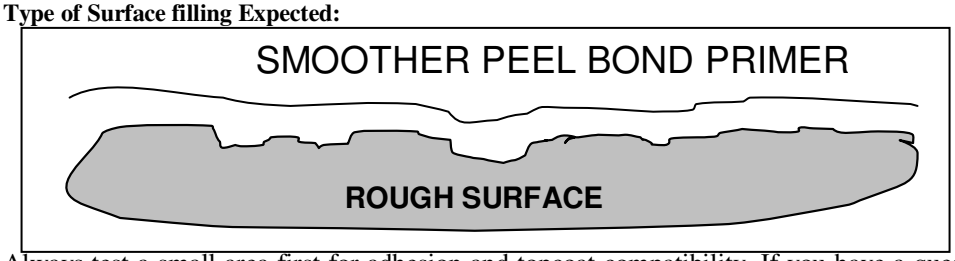
BRUSH: Synthetic fiber brush designed for latex paints is recommended. Apply thickly.

ROLL: ½ inch nap synthetic fiber roller cover designed for latex paints. Roll in one direction.

SPRAY: 0.015 to 0.019 tip is recommended and 1200 psi. Sprays well with most sizes of spray equipment.

Clean Up: Clean up with soap and water immediately after use.

Type of Surface filling Expected:



NOTE: Remove all loose and peeling paint. The surface should be a sound, stable surface. Spot prime areas that require extra filling. The moisture content of wood should be **Below 15%** at application.

Always test a small area first for adhesion and topcoat compatibility. If you have a question about suitability for specific surfaces or specific topcoats, contact our XIM Technical Service Staff. Top coat with exterior latex paints and elastomeric coatings only. Since Peel Bond remains flexible, do not topcoat with alkyds or other paints that dry to a hard finish, such as epoxies or urethanes.

WARNING! If you scrape, sand or remove old paint from any surface, 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. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Physical/Chemical Data:	**Peel Bond # 1146**
Weight per Gallon :	8.92 lb/gallon
Viscosity	130 - 140 KU
Spreading Rate	50 – 200 Square Feet per Gallon Depending on dry film thickness
Application Conditions	40° F to 100° F (Mix or Agitate before Use)
Drying Schedule: (ASTM D1640)	to touch: Generally 30 min. to top coat: 40 - 60 minutes @ 77° F and 50% RH
VOC :	Less than 100 g/l, 0.83 lb/gal.
Recommended Film Thickness:	Approximately 30 mils WFT dries to approximately 10mils DFT
Flexibility :	Excellent
Cross Hatch Adhesion:	No loss
Gloss (60 deg, gloss meter):	Low Luster
Top Coats Recommended:	Latex Paints and Elastomeric Paints Only
MPI Approved	MPI # 17, E2; Green Certified; GPS-1
LEED® 09 Non-Flat Coating Compliant	150 g/l VOC max; min. Gloss of 15 on a 85º gloss meter

Caution: Keep from freezing. Do not take internally. Use only with adequate ventilation. If you experience eye watering, headache or dizziness wear appropriate, properly fitted respirator (NIOSH approved) during application. Follow respirator manufacturer's directions for use. Avoid contact with eyes. Wash thoroughly after handling.
FIRST AID: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush with plenty of water for at least 15 minutes and get medical attention immediately. **KEEP OUT OF REACH OF CHILDREN**
If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

Limited Warranty: This product is made to the highest standards in order to provide you with consistently optimum results. If this product fails to perform as specified herein, XIM will furnish an equivalent amount of replacement product, or will refund the purchase price upon proof of purchase. XIM will not be liable for any indirect or consequential damages. This warranty does not include labor or the cost of labor for the application or removal of any paint or primer. There are thus no warranties of fitness or merchantability beyond that provided above. This warranty gives you specific legal rights which may vary from state to state.

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