

Description

Xci BarriBond XL is a high-solids, silane-terminated polyether (STPE) based compound designed for detailing penetrations, sheathing joints, countersunk screws, transitions, angle changes, and other critical details encountered in continuous insulation systems. Xci BarriBond XL is a single-component, moisture-cured adhesive/sealant which is applied from a sausage caulking gun, then smoothed in place with a trowel or squeegee. The product is formulated for clean, easy application over horizontal, vertical, and inverted surfaces.

Features and Benefits

- Convenient 20 fl-oz. (0.6 L) sausage pack: long shelf life, easy extrusion, minimal waste
- Highly thixotropic behavior: neat installation, no slumping or dripping, easy to trowel smooth
- High solids: 1-coat application, fills cracks and gaps up to 1" (25.4 mm) wide, virtually no shrinkage after cure
- Flexible and elastic: Forms a tough, durable, and seamless coating at critical details
- Rapid Cure: Resists rain within minutes of application. Resistant to standing water after cure
- Qualified as a liquid flashing per AAMA standard 714-15
- Compatible with many common construction materials and air barriers
- Low VOC, low odor
- No shrinkage or staining
- Resistant to organic growth

Applications

Xci BarriBond XL is a seam sealer for joints between polyiso foam boards. It can be used to seal inside and outside corners, as well as penetrations. It can also be used as a termination mastic over self-adhered flashing membrane. When used with Xci Foil (Class A) together they serve as an air and moisture barrier meeting the requirements of ASTM E2357, ASTM E283, ASTM E330, and ASTM E331. Xci BarriBond XL is a tape replacement designed for ease of application, helping to enhance the overall performance of continuous insulation.

Compatibility

Xci BarriBond XL is compatible with many common building materials including plywood, OSB, fire-treated wood, pressure-treated wood, concrete, CMU, glass-mat faced gypsum sheathing, aluminum, copper and PVC extrusion/pipe. Xci BarriBond XL is also compatible with rigid foam insulation products including Hunter Xci Polyiso.

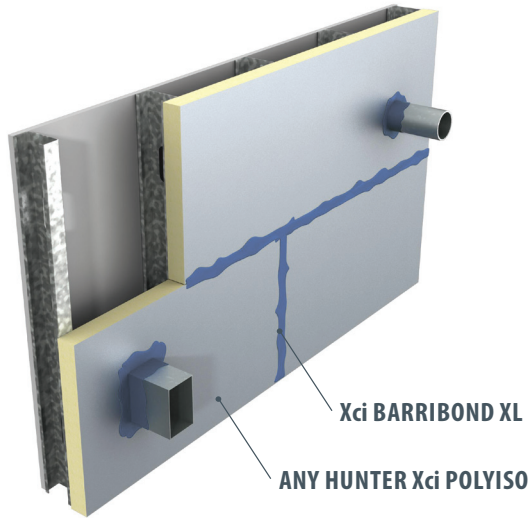
For best results, Xci BarriBond XL should be stored above 50°F or warmer during wintertime applications. The sausage should be loaded into a suitable caulking gun. Cut nozzle orifice to user-preferred size and shape with a sharp utility knife or similar tool.

Liquid Flashing Application (Insulation Board Seams, Pipe/Duct Penetrations, Inside/Outside Corners)

Apply Xci BarriBond XL in serpentine beads over the substrate. Spread Xci BarriBond XL using a squeegee or a trowel to provide full, uniform coverage over the substrate. Apply to openings, pipe/duct penetrations, and inside/outside corners. Apply Xci BarriBond XL at a uniform wet mil thickness of 40 mils (0.040 inch), continuously monitoring thickness with a wet mil thickness gauge to assure adequate coverage. Xci BarriBond XL can be applied in a single coat. To facilitate installation, joints and gaps between dissimilar substrates may be treated with Xci BarriBond XL and allowed to cure firm before proceeding with trowel coverage of the liquid flashing area. In liquid flashing applications, Xci BarriBond XL shall tie into the main air barrier membrane with a minimum 2 inch lap. Xci BarriBond XL can be applied over all air barrier membranes, or the membranes can be applied over Xci BarriBond XL, depending on construction progression.

Hunter Panels Xci BarriBond XL

Liquid Flashing & Detail Sealant



Typical Properties

Property	Method	Results
Color		Blue-gray
Coverage Rate		Approx. 35 L.F. of 2" wide 40 MIL (Wet)
% Solids		98%
VOC	Directive 2004/42/ EG	28 g/L
Application Temperature		20°F to 110°F
Service Temperature		Minus 40°F to 200°F
Cure Time		40 mil membrane: 24 h @ 75°F/50% RH
Tack Free Time	ASTM C 679	<45 minutes
Open Time		Approx. 5 minutes @ 75°F/50% RH
Hardness – Shore A	ASTM C 661	35 ± 5
Maximum UV Exposure		6 months
Low-Temp Crack Bridging	ASTM C1305	Pass; 10 cycles at -15°F

Limitations

Xci BarriBond XL is not suitable for permanent UV exposure. Cover product with exterior finish. Xci BarriBond XL can be exposed to UV for a maximum of 6 months or 180 days. Xci BarriBond XL is not intended as a wear-resistant or traffic-resistant surface. Xci BarriBond XL is not recommended for spanning joints in excess of 1 inch wide or for filling joints/gaps of more than ½" depth. Do not apply Xci BarriBond XL over visibly damp or wet substrates or over wood substrates having moisture content measuring 20% or higher. Xci BarriBond XL should not be installed in below grade conditions.

Packaging

Xci BarriBond XL is packaged in 20 fl-oz sausages, 12 per box. Shelf life in original, unopened packaging is 12 months, provided the product is stored between 40°F and 80°F, 50% maximum relative humidity. Store Xci BarriBond XL sausages in a cool, dry place protected from precipitation and direct sunlight.

Specifications

- Xci BarriBond XL meets all requirements of AAMA 714-15 (Voluntary specification for liquid-applied flashing to create a water-resistive seal around exterior wall openings in building)
- Xci BarriBond XL is Type S, Grade NS, Class 25, Use NT per ASTM C920 (Standard Specification for Elastomeric Joint Sealants)

Limited Warranty

Hunter Panels warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Hunter materials prove to contain manufacturing defects that substantially affect their performance, Hunter will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Hunter with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Hunter specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Hunter's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Hunter material in question.