



Hunter Panels

Installation Guide for Xci Polyiso Continuous Insulation: Xci Foil, Xci Foil Class A, Xci CG, Xci CG Class A

Coordination

- Pre-construction meeting shall cover all decisions pertaining to design so that the Hunter Xci polyiso is properly installed.
- Review submittals, surface preparation, installation procedures, special details, sequence of construction, responsibilities, mock-up requirements, inspection, testing, and repair procedures.
- Mock-up shall establish procedures and workmanship that must be followed during installation.
- Review adjacent construction materials such as windows, doors, ducts, and other penetrations for conformance to manufacturer's application instructions.
- Sequence installation of flashing and sealant to prevent damage and water infiltration.
- Refer to project-specific documentation for components manufactured by others.

Substrate/Project/Site Conditions

- Do not apply Hunter Xci polyiso and associated materials to damp or frozen surfaces.
- Protrusions and mortar droppings shall be removed from surfaces and brick-ties to facilitate fit and finish of Hunter Xci polyiso.
- Protect polyiso during transportation, storage, and installation in accordance with Job-Site Storage guidelines and Post-Installation Exposure guidelines on product literature.

General Application Notes

- Hunter Xci polyiso shall be installed continuously and secured appropriately to deliver its maximum impact on building energy efficiency.
- Begin at base of wall from firm support (permanent or temporary).
- Apply Hunter Xci polyiso horizontally or vertically in a running bond pattern using maximum board lengths to minimize number of joints. Offset Hunter Xci polyiso vertical joints a minimum of 6".
- Pre-cut Hunter Xci polyiso to fit openings and projections. Hunter Xci polyiso boards can be cut with a table saw or knife using a square to guide the cut.
- Abut all polyiso board joints tightly and ensure overall flush, level surface.

- For adhesive attachment of Hunter Xci polyiso apply dabs of adhesive approximately 16" oc to maintain drainage plane. Please note that Xci wood composites must be mechanically attached.
- For mechanical attachment of Hunter Xci polyiso please see our fastening information in the following section.
- Fill gaps between insulation boards greater than 1/8" with expanding spray foam or butter edge of board with approved sealant and strike flush. Expanding spray foam may also be applied to the insulation board edges during installation.
- Honor expansion joints as indicated in construction drawings. Do not span expansion joints.
- Install all materials in accordance with current published literature and local code requirements.
- Other acceptable methods of application not covered here may be incorporated during construction provided all applications follow proven and sound construction techniques.

Fastening Continuous Wall Insulation

- Each fastener going through the insulation is a potential thermal break. Reducing penetrations in the insulation and WRB improves the overall hygrothermal performance of the wall.
- The exterior cladding attachment system is critical in determining the fastening of non-nailbase Xci polyiso insulation boards. When cladding attachment systems are fastened through polyiso to the base wall structure, that fastening is often all that is needed to hold the polyiso in place.
- Non-nailbase Xci polyiso insulation can be temporarily held in place by a minimal amount of fasteners or adhesive which will secure the polyiso until the cladding is attached. Long delays between polyiso installation and cladding installation could require more fasteners due to excessive exposure to wind.
- If the cladding attachment system will not be securing the Xci polyiso firmly in place, an accepted industry standard for mechanical fastening of polyiso continuous insulation is 12" o.c. at the perimeter and 16" o.c. in the field.



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Approved Accessories

Fasteners

- Grip-Deck ci screws with Thermal-Grip or Plasti-Grip washers
- Plasti-Grip PMF Anchor
- Hilti Insulation Fastening System
- Ramset I-F Fastening System
- Stick pins
- Others as approved by Hunter Panels

Tapes

- Foil Grip 1402 Tape
- Aluma-Grip 701 Tape
- ECHOTape MT-A7757 All Weather Aluminum Foil Tape
- Siga Wigluv
- Others as approved by Hunter Panels

Sealants

- Xci BarriBond XL
- Xci BarriBond
- Dynatrol I-XL Hybrid
- HandiFoam
- Tiger Foam Fire Block
- Great Stuff
- Others as approved by Hunter Panels

Adhesives

- Loctite PL-300 Foam Board Adhesive
- Chemlink WallSecure
- DAP Dynagrip Foamboard Construction Adhesive
- BASF MasterWeld 420
- Others as approved by Hunter Panels

Xci Polyiso as Control Layer

Xci continuous insulation boards can be used as a barrier in the wall assembly by treating the seams and penetrations with one of our approved options. Approved options include:

- Xci BarriBond XL Liquid Flashing & Detail Sealant: 2.0" min width
- Xci BarriBond Liquid Flashing & Detail Sealant: 2.0" min width
- DynaTrol I-XL Hybrid Sealant: 2.0" min width
- Foil-Grip 1402 Tape: 4.0" min width
- Aluma-Grip 701 Tape: 4.0" min width
- ECHOTape MT-A7757 All Weather Aluminum Foil Tape: 4.0" min width
- Siga Wigluv: 4.0" min width

Repairs

- Repair damaged insulation by cutting out and replacing damaged area with new Hunter Xci polyiso. Smaller damaged areas can be filled with foam or caulking sealant. For mechanically fastened repairs the Hunter Xci polyiso should be brought to the nearest framing member so that proper fastening can be maintained.
- If the Xci insulation is being used as a barrier the repair will need to be taped in accordance with our guidelines for seam and penetration treatment.