



Hunter Panels

Hunter Xci Installation Detail Notes for Xci Insulation— Non Composites

Coordination

- 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 in a running bond pattern using maximum board lengths to minimize number of joints. Offset Hunter Xci polyiso vertical joints a minimum of 6". Hunter Xci polyiso may be applied vertically as required.
- 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 1/16" 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

Non-Nailbase Continuous Insulation (Xci Foil, Xci Foil Class A, Xci CG)

- 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 and weather.
- 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.

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 facer of the Hunter Xci insulation is being used as an air barrier the repair will need to be taped in accordance with our guidelines for seam and penetration treatment.