Hunter Panels

Installation information for Xci wood composite panels: Xci Ply, Xci Ply (Class A) and Xci NB

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 Xci panels and associated materials to damp or frozen surfaces.
- Protrusions and mortar droppings shall be removed from surfaces to facilitate fit and finish of Xci panels.
- Protect panels 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 panels shall be installed continuously and secured appropriately to deliver their maximum impact on building energy efficiency.
- Begin at base of wall from firm support (permanent or temporary).
- Apply Xci panels horizontally or vertically in a running bond pattern. Offset Hunter Xci polyiso vertical joints a minimum of 6".
- Pre-cut Xci panels to fit openings and projections. Hunter Xci wood composite panels can be cut with a power saw.
- Abut all Xci panel joints tightly and ensure an overall flush, level surface.
- Xci wood composite panels must be mechanically attached. Please see fastening section in this document.
- Fill gaps between panels 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.

WRB (Weather Resistive Barriers)

- A vapor permeable barrier is required for the exterior of Xci wood composite panels. A range of 10-60 perms is ideal. Please note: if NFPA 285 compliance is required the barrier will need to be selected from one of our approved options.
- It is highly recommended that the installation of the vapor barrier happens in conjunction with the installation of Xci wood composite panels.
- If a weather barrier cannot be applied to the Xci wood composite panels right away it is advisable to butter the edges of the boards with an approved sealant to help prevent moisture intrusion before the barrier is applied.

Approved Sealants and Spray Foams

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

Fastening Xci Composite Panels

Nailbase Continuous Insulation (Xci Ply, Xci Ply (Class A), Xci NB)

- Non-structural applications of Xci wood composite panels use our NTA fastening report, TRU110910-21. This report utilizes the following information to determine the fastening pattern: type of base wall, stud spacing (where applicable), foam thickness of Xci wood composite panels, weight per sf to be supported by the fastener. This application uses a Hunter SIP fastener.
- Xci wood composite panels have structural shearwall value in wood stud applications where the foam thickness is 2.0" or less. Structural applications of Xci wood composite panels use our engineered structural fastening report, DrJ TER 1508-01. This application uses a smooth or ring shank nail.
- These fastening reports are available on our website on the product pages for Xci NB, Xci Ply, and Xci Ply (Class A). For assistance locating or navigating these documents please contact our technical team at 888-746-1114 or huntertechnical@hpanels.com.

Repairs

- Damaged panels must be fully replaced and secured to the structural base wall.

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