PAREX®

BUILDING TRUST

TECHNICAL BULLETIN

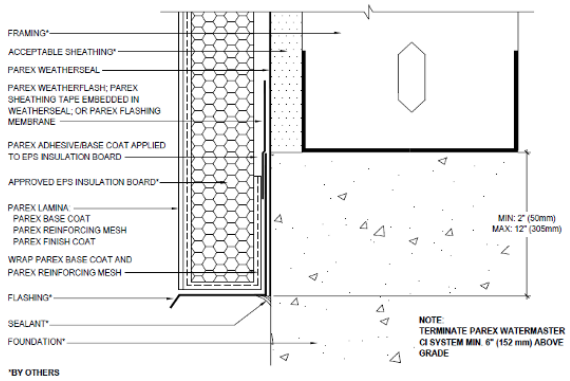
Drainage Terminations of Parex WaterMaster EIFS

The following are alternative options to using Parex 396 DrainEdge™ as per Parex WaterMaster currently published details at drainable terminations for EPS, XPS or GPS insulation boards that will be installed in applying a WaterMaster CI System. This bulletin is considered an addendum to the current Parex WaterMaster Details and Specifications published at usa.sika.com/parex.

Typical Horizontal Terminations with Drainage Include but not limited to:

- Window/Door Heads
- Top Side of Horizontal Expansion Joints
- Terminations at Foundations

Example of a typical Parex WaterMaster detail using alternatives to Parex 396 DrainEdge™ illustrated below.



Not shown above: Field installed mesh overlap of pre-wrapped mesh on the front of the insulation board. Minimum standard overlap is 2 ½-inches.

Wrapping Parex Base Coat and Parex Reinforcing Mesh at system termination of insulation board options:

Option 1

Pre back-wrapped Insulation Boards- As explanation, a pre back-wrapped board includes Parex reinforced base coat on three sides (min. 2 ½" onto back of board, across the edge and onto the face several inches) that has been premade and allowed to dry prior to board installation with Parex Adhesive Base Coat applied using Vertical Ribbons of Adhesive.

For this method care must be taken that in the process of completing the backwrap that the base coat applied to the bottom edge of the insulation board does not block the drainage path from behind the insulation board. Sufficient space must also be provided between the EPS termination to be back-wrapped and any flashing to allow application of the base coat on the edge of the insulation board. To alleviate this the back and edge can be base coated/meshed, leaving the tab of mesh for the face loose to be completed once the adhesive has dried.

It is important to remember that consecutive boards must be "tied" together where they abut.This can be done by leaving one end of the mesh longer than the board; for pre-backwrapped boards a strip of mesh would be attached to the substrate, centered on the butt joint to wrap over the board joint after the boards are installed, to form a splice.

Option 2

Shop Fabricated Starter Boards - Shop fabricated pre-wrapped insulation boards must use the same Parex Base Coat and Parex Reinforcing fiberglass mesh as the rest of the project. Shop fabricated Starter boards must also be made of the same type of polystyrene insulation board as used for project. DO NOT MIX INSULATION TYPES

Note: Shop fabricated starter boards using base coats and reinforcing mesh by others shall be considered a deviation from the specifications and tested assembly and may not be code compliant.

Contact your local Parex Dealer or Sales Representative for sources for Shop Fabricated Starter Boards.

Installing Shop Fabricated Starter Boards:

At the butt-joints of the pieces of starter boards, install strips of Parex 356 Detail Mesh on the substrate, centered on the butt-joint locations, so that the strips of detail mesh will extend a minimum of 2 ½" behind the pre-wrapped insulation boards once the pre-wrapped boards are installed. The Detail Mesh strips shall be long enough to wrap around the pre-wrapped insulation board edges and onto the insulation board face a minimum of 2 ½". These strips of detail mesh will be embedded in base coat to form splices at the butt joints of the pre-wrapped insulation boards.

Care must be taken installing the spices and embedding their mesh in base coat so as not to leave bulges in the basecoat. Spliced joints must be flat, flush, and in plane with the rest of the base coat.

Shop Fabricated Insulation boards must be adhered using vertical ribbons of Parex Adhesive Basecoat applied with the appropriate notched trowel.

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071 USA
Customer Service +1 (800) 433-9517
Technical Service +1 (800) 226-2424
usa.sika.com/parex

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