



Quik-Therm Insulation Solutions Inc.

936 Connect Composite Wall Weatherization System

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Air Barrier Sealing Options Best Practices

Fasteners, Foam, Sealants and Tapes - Best Practices

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Fastening

- Framing nail heads to be flush with furring strip top surface. Do not drive nail heads into furring.
- Framing nails through 2½" thick 936 Connect to framing must achieve minimum 0.75" embedment into framing (Engineered by Morrison Hershfield) .
- For typical vertical application/orientation's. Space nails 8" apart along furring strips.
- Horizontal applications (furring perpendicular to studs). 2 nails per furring strip into each framing member - @16" O.C.
- Use multiple fasteners at plates and rim joists (see Installation Renders).
- Commonly used 936 cladding materials. Cementitious Stucco (vertical orientation only), Cement Board, Metal, Wood, Composite, etc.
- Consult with a Design Professional.

Canned Spray Foam

- Foam together tongue and groove and butt foam to foam connections. Spray foam must be compatible with expanded polystyrene (EPS) rigid foam.
- Use spray foam to fill cracks and gaps between rigid foam and rigid foam and wood and around windows, doors, etc.
- DO NOT use spray foam to create an air barrier connection to polymer facers. It DOESN'T create a structural bond.
- DO NOT use spray foam in lieu of the poly foam gaskets or air barrier sealants.
- For additional spray foam applications consult with a Design Professional.

Air Barrier Sealants

- To complete an air barrier gasket connection, a 1/4" continuous bead of liquid applied air barrier sealant can be used to seal 3/16" poly foam gasket. The poly gasket and sealants are interchangeable.
- Air Barrier sealants must be compatible with the 936 polymer facers and rigid EPS foam. Recommendations: LePage Quad Max or Henry Air Bloc, or specified by a Design Professional.
- Liquid applied air barrier sealants can be used to seal window and door nailing fins, etc. to 936 polymer facers. See Installation Guidelines. Refer to Sealant Manufacturer's recommendations.
- Air barrier sealants are not recommended for foam to foam and wide/large gap connections. Use spray foam to fill large gaps.

Tapes

- Tape all 936 polymer faced tongue and groove and butt joint connections. Recommended Tape: 50500 Cantech Flashing Tape, or other tape specified by a Design Professional.
- Tape 936 polymer faced panels to wood, PVC, Fiberglass and metal window and door nailing fins.
- Use minimum 4" wide tape for T&G connections, and vertical sides and bottom of windows and doors.
- Use minimum 6" wide flashing tape for butt foam connections and along top of windows and doors.

Rim Joists

Recommendation: For best air barrier performance 936 Connect should terminate below the rim joist/foundation connection. Using 3/16" poly foam gasket or air barrier sealants create an air barrier seal/gasket between 936 Connect and the foundation or seal the rim joist/foundation connection as specified by a Design Professional.

NOTE:

The information presented herein is based upon data considered accurate. Quik-Therm Insulation Solutions Inc. does not assume any responsibility for any misrepresentation or assumptions the reader may formulate. Check with local building codes prior to installing 936 Connect.