QUIK-THERM™

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. Cementious 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.

Sealing Electrical Boxes

Seal all exterior wall electrical boxes and other breaches using conventional code compliant techniques. Apply tapes and sealants to the 936 Connect polymer film in the same manner as 6 mil polyethylene. Optional: Pressure sealed hard plastic electrical boxes with foam gaskets.

NOTE: