

EPS Gap Filler

Dryvit specifications for all Outsulation Systems, during the EPS insulation installation phase, require the boards to be butted tightly to each other. If, for any reason, the insulation board joints are not butted tightly, slivers of insulation board must be installed to fill any gaps. ALL GAPS GREATER THAN 1/16 in (1.6 mm) MUST BE SLIVERED.

Dryvit has evaluated the Tremco Exoair LEF Polyurethane Foam and the Wind-lock's Foam-To-Foam Adhesive for its gap filling capability and found that gaps measuring up to 1/4" wide can be filled without affecting the aesthetics of the finished wall. This material provides an alternative to the conventional method of slivering between insulation boards with EPS.

The Spray foam is injected into the gap such that it penetrates as far back to the substrate as possible, but not less than one half the thickness of the EPS. After it cures, the excess is sliced off using a knife or trowel edge prior to rasping the entire surface of the EPS. Any material that may come loose during the rasping process must be reapplied.

Allowing this method of filling gaps between the insulation boards is not intended to take the place of good workmanship and care must be taken to ensure that all EPS boards are abutted as tightly as possible during installation. EPS boards that fall outside of the specification for dimensional tolerances must be rejected and not installed.

Environmental conditions may affect the curing time of the spray foam, so adequate time must be allowed prior to rasping and base coat application. Slivering with EPS remains the preferred method due to the fact that it can be used under all conditions, though environmental conditions must be monitored to ensure that they are suitable for the application of the base coat.

Any questions regarding the Exoair LEF Polyurethane Foam should be directed to Tremco Technical Services, 3735 Green Road, Beachwood, OH 44122: Tel: (866)-209-2404: www.tremcosealants.com

Any questions regarding the Foam-To-Foam adhesive should be directed to Wind-lock Corporation, 1055 Leisz's Bridge Road, Leesport, PA 19533: Tel: (888) 605-1293 : www.wind-lock.com