

Tech Hotline

No. 0709-E

Application of Sto Adhesives to StoGuard® VaporSeal™

StoGuard VaporSeal is designed to be a barrier to the movement of water vapor. The vapor-barrier quality of this product is desirable and specified for certain projects, but this property has an important trade-off effect. The water vapor impermeability extends the amount of time required for adhesives applied over StoGuard VaporSeal to develop full bond strength.

Application of a skim coat of the StoTherm® ci adhesive to the StoGuard VaporSeal will maximize the bond of the adhesive and avoid delays before rasping of insulation can begin.

Sto Corp. recommends application of a 1/16-inch (1.6 mm) thick skim coat of Sto cementitious adhesive to the entire StoGuard VaporSeal surface before installation of insulation boards. The skim coat material should be the same product that will be used to bond the insulation. Apply the skim coat and allow it to dry overnight before installing insulation board in the area of work. Once the skim coat has dried, continue with installation of the insulation following standard procedures.

This procedure is recommended as the standard practice for all projects using StoGuard VaporSeal behind StoTherm ci.

