

TECHNICAL BULLETIN

Proper Notched Trowel Selection for Adhered EIFS

With a wide array of notched trowel designs and profiles available, it is important to understand which notched trowel profile is to be used on each of Sika Facades systems.

In general, the trowel profiles used when installing Class PB Drainable EIFS will be different from those used on a standard (barrier) Class PB EIFS wall system. The use of the incorrect notched trowel with any EIFS wall system may negatively affect the EIFS wall system's performance, and may void any warranty from Sika. The trowel profiles required for use by Sika Facades are the result of extensive testing, and are designed to produce optimal long-term performance. The information provided below should serve as a guide for all Sika Facades distributors, EIFS applicators and general contractors.

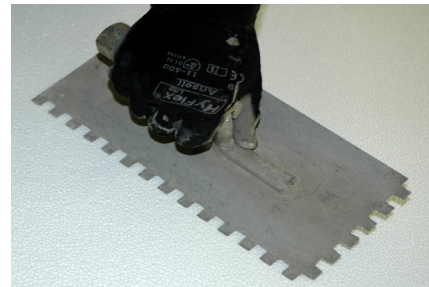
CLASS PB (NON-DRAINABLE) EIFS NOTCHED TROWEL OPTIONS:

Apply mixed adhesive/base coat to insulation board using a stainless steel trowel with 1/2" x 1/2" (13 mm x 13 mm) notches spaced 1/2" (13 mm) apart

-OR-

Apply mixed adhesive/base coat to insulation board using a stainless steel trowel with 3/8" x 3/8" (10 mm x 10 mm) notches spaced 3/8" (10 mm) apart. (Not shown)

1/2" x 1/2" x 1/2"

**CLASS PB DRAINABLE EIFS NOTCHED TROWEL OPTION**

Class PB Drainable EIFS utilizing vertical ribbons of cementitious adhesive/ base coat on flat or channeled/ grooved insulation to be adhesively attached:

1. Apply mixed adhesive/base coat to insulation board using only a stainless steel trowel with 1/2" x 1/2" (13 mm x 13 mm) notches spaced 2" (50 mm) apart.
2. When using channeled insulation avoid getting adhesive in the channels. Remove any adhesive that gets into the channel.

1/2" x 1/2" x 2"



The photographs below illustrate the proper method of cementitious adhesive/base coat application to 2X4' EPS insulation board for Class PB Drainable EIFS as well as an appropriate representation of EPS insulation board which has been "spot checked" for adhesion to the substrate.



Cementitious adhesive/base coat properly applied in vertical ribbons to back of EPS board.



Typical example of troweled adhesive transferred to the substrate, creating channels for drainage.