

Vetotherm E1 System Accessories

Vetotherm AFA, Vetotherm ACP, Vetotherm ABP, & Vetotherm AWP

Uses

- Facade anchors are used to fixing Vetotherm EPS (thermal insulation boards) on concrete and light aerated concrete, solid and hollow concrete applications, and bricks.
- Corner Profile reinforcement of window or door corners, edges, and jambs.
- Base Profiles are perfect structural and visual finish and closure of the system.
- Window reveal creates a flexible junction between the contact insulation system and the window or door frame.

Product Description

Vetotherm AFA (Facade Anchors)

A facade anchor (dowel) with a plastic nail for additional mechanical strengthening of the thermal insulation system with slabs of EPS and XPS.

Vetotherm ACP(Corner Profile with Mesh)

Angular plastic profile with integrated alkali-resistant mesh is used to more easily and properly forming 90-degree angles and for reinforcing all window or door corners, edges, and jambs in the contact insulation system - ETICS

Vetotherm ABP (Base Profile LU)

A base profile without a drip ledge is used for ending/closing up insulating material at its sides or for closing the system in its top part. This profile cannot be used in situations where rainwater drainage is required.

Vetotherm AWP (Window Reveal Profile)

Window reveals profile with fiberglass reinforcement mesh for the flexible junction of the window or door frame with plaster/ render in the contact insulation system - ETICS.

Advantages

- Mechanical strengthening of the thermal insulation system- ETICS by using anchors
- Base Profiles protects the system against mechanical damage
- Corner profile protects the corners against mechanical damage, prevents hairline cracking, creates an ideally straight corner
- Corner profile is without exposed edge - used under plaster

Technical Data

Vetotherm E1 System Accessories	Typical Values
Anchor	Impact-resistant polupropylene
Pin	Reinforced (by Glass Fibres) Polymide
Material	Natural Aluminum, Alloyed

Vetotherm ACP	Typical Values
Material	Alkali-proof PVC, fibre glass reinforcement mesh R 117 ETAG 004 (L-type - EU mesh)
Vetotherm ACP	Typical Values
Material	PVC - UV stable and alkali-proof, fibre glass reinforcement mesh Vetotherm AFM810 - ETAG 004, double self-adhesive PE foam tape with closed cells

Standards Compliance

Surface Preparation

- ETAG 004 requirements for ETICS / EIFS systems.

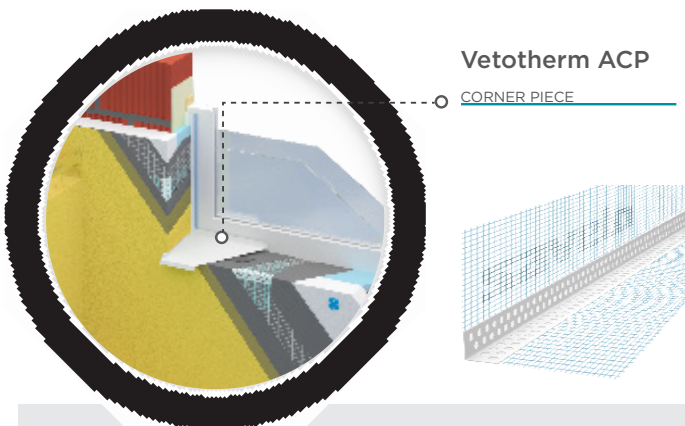
Usage Instructions

Anchoring

Start anchoring Vetotherm EPS boards a minimum of 48 hours after sticking the boards to allow the adhesive to dry completely. Vetotherm AFA (anchors) should be mounted according to a diagram depending on the height of the building, the region, and the strength of the wind (refer to Saveto ETICS guide).

If Vetotherm EPS has a thickness exceeding 8 cm, firstly, you need to make a hole of 2 cm depth with a cutter and then, in this hole, drill an opening for the screw anchor. Then, after the mounting of the dowels, fill the hole with a polystyrene cap.

After the completion of the anchoring, cover the heads of the dowels with Saveto Vetotherm Flex to flush with the level of the boards.

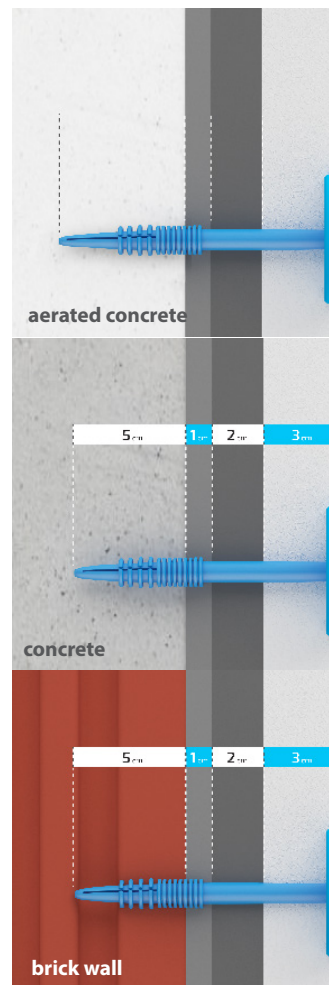


Reinforcement of the loaded areas

Apply ready-to-use angle Vetotherm ACP (Corner Profile) to reinforce external angles, and apply Vetotherm ABP(Base Profile) to close up insulating material at its sides or to close the system in its top part. Next, apply Saveto Vetotherm Flex along the edge, place the profile and press it tightly.

Strengthen corners around doors and windows by applying adhesive on the base, then place on the adhesive pieces of fiberglass mesh with minimum dimensions of 20x50 cm. Next, apply more adhesive to cover the mesh completely.

Before continuing to reinforce the entire surface, wait 24 hours to allow these areas to dry.



For professional use only. Keep out of reach of children.

Due to continuous product improvements, the data mentioned in this document is subject to change without prior intimation. All recommendations and suggestions are therefore made without guarantee. Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility.