

RHÉACOL PSE

MORTAR FOR BONDING AND BLOCKING ETICS SYSTEM INSULATION



HIGH ADHERENCE

- ✓ Mortar for bonding or blocking insulation in VPI ETICS systems
- ✓ Fixing of expanded polystyrene and rock wool insulation

ETE / DTA

Exterior walls



PRODUCT INFORMATION

Consumption

3 to 3.5 kg/m²

Storage

1 year in the original closed packaging not in contact with the ground, on dry, temperate and minimally ventilated premises.

Packaging

25 kg sack - 48 sack pallet

SPECIFICATIONS AND PERFORMANCES

Appearance: grey powder

Composition: selected mineral fillers, cement, additives

PERFORMANCE MEASURED AT +20°C	
Adherence on concrete	≥ 0.5 MPa
Adherence on EPS	≥ 0.08 MPa (with rupture in EPS)

FIELD OF USE

Purpose

Bonding and blocking of external thermal insulation system insulation boards, RHÉA 400, RHÉATHERM 500, RHÉATHERM 600 and 600 LR.

Authorised bases

- **For bonded installation:**
Flat hydraulic binder based surfaces such as concrete and hydraulic render.
- **For a blocked-anchored installation:**
Bases of all kinds, flat or not

Unauthorised bases

- Plaster-based render ("pure plaster" or mixed with lime).
- Horizontal or pitched outer parts at less than 45° from horizontal.

APPLICATION

Reference documents

- European Technical Approval Guide (ETAG) n°004: "Rendered external thermal insulation systems"
- European Technical Assessments:
 - RHÉA 400: valid
 - RHÉATHERM 500: valid
 - RHÉATHERM 600: valid
 - RHÉATHERM 600 LR: valid
- Technical Application Documents:
 - RHÉA 400: valid
 - RHÉATHERM 500: valid
 - RHÉATHERM 600 : valid
 - RHÉATHERM 600 LR: valid
- CPT 3035_v3 - September 2018

Application conditions

Application temperature: +5°C to +30°C.

Precautions for use

In order to protect your health and the environment, and for the safe use of this product, follow the precautionary advice that is featured on the packing label. You can find the safety instructions for this product on the Safety Data Sheet (SDS) available on quickfds.com.

Base preparation

- The base must be clean, sound and free of any non-adhesive parts or areas that could prevent adhesion (for example: release oil, drying products, etc.).
- Base with plant pollution (mosses, algae, lichens, fungi):
Treat using an anticryptogamic solution.
- Refer to the applicable Technical Specifications and to the DTAs for the systems.

Product preparation

- Mix using a slow speed electric mixer.
- Water/powder ratio: 4.5 to 5.5 L of water per 25 kg sack.
- Mixing time: 5 min

Application

WORKABLE TIME AT +20°C	
Time the mix can be used	About 2 hours
Adjusting time	20 min

- Refer to the applicable Technical Specifications and to the DTAs for the systems.
- Clean the tools with water while the product is fresh.

The purpose of the information provided on this technical sheet is to inform of the product's current properties. It cannot, under any circumstances, be considered as a guarantee nor as engaging our liability due to varying use and application techniques and materials used. We strongly recommend preliminary testing. When this document was drawn up, all indications were based on current technical development data and our experience. The most recent version is available on www.vpi.fr.