

RHÉAMIX MONO

THIN HYDRAULIC RENDER FOR RHÉATHERM 600 AND RHÉATHERM 600 LR ETICS SYSTEMS



ORGANIC, ORGANIC-SILOXANE, SILOXANE OR HYDRAULIC FINISHES

- ✓ RHEATHERM 600 and RHEATHERM 600 LR systems: "2 in 1" insulation fixing and rendering
- ✓ Manual application or spraying machine

ETE / DTA



PRODUCT INFORMATION

Consumption

- For External Thermal Insulation (except terracotta facing brick finish):
 - Panel bonding or blocking: 3 to 3.5 kg/m²
 - Rendering of EPS panels in standard areas: 4.5 kg/m²
 - Rendering of rockwool panels in standard areas: 6 kg/m²
- For External Thermal Insulation (terracotta facing brick finish):
 - Panel bonding or blocking: 3 to 3.5 kg/m²
 - Rendering of EPS panels in standard areas: 6.5 kg/m²
 - Rendering of rockwool panels in standard areas: 8 kg/m²
- For wall levelling: 4,1 kg/m² (for 2 meshed coats)

Colours

White
Grey

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 or white powder

Composition: cement, lime, selected mineral fillers, additives, mass water repellents and fibres

Mixed product pH: 12

PERFORMANCE MEASURED AT +20°C	
Adherence to concrete	≥ 0.25 MPa
Adherence on EPS	Higher than the EPS cohesion
Adherence on rock wool	Higher than the rock wool cohesion
European fire reaction classification	
- on EPS	B-s1, d0 or B-s2, d0
- on rock wool	A2-s1, d0 or B-s1, d0

FIELD OF USE

Purpose

- Component of External Thermal Insulation systems **RHÉATHERM 600** and **RHÉATHERM 600 LR**:
 - Bonding or blocking of insulation panels.
 - Thin hydraulic sub render.
- Other use: wall levelling before applying paint, organic decorative render or siloxane, or **RÉNOPASS CHAUX GF/GM, RHÉAJET**.
- Component of External Thermal Insulation system **RHÉATHERM 600 MOB**:
 - Thin hydraulic sub render.

Finishes

- **CRÉPILOR T, TM, GT** or **GF**.
- **CRÉPILANE T** or **TM**.
- **LITHOCOLOR T** or **F**.
- **RHÉAJET**.
- **RÉNOPASS CHAUX GF/GM**.
- **FLEXODERM** (on a 3rd layer of render).

Authorised bases

- For ETICS (External Thermal Insulation): refer to CPT 3035_v3 - September 2018, to the ETE and DTAs for the **RHÉATHERM 600, RHÉATHERM 600 LR** systems and the Technical Assessment for **RHÉATHERM 600 MOB**.
- Polystyrene shuttering block masonry with smooth facing.
- For wall levelling: hydraulic or organic surfaces (including faience tiling), glass paste, ceramics.

Unauthorised bases

- Expanded polystyrene casting blocks with grooved facing.
- Dovetailed expanded polystyrene panels.
- Horizontal or pitched outer parts at less than 45° from horizontal.
- Plaster-based render ("pure plaster" or mixed with lime).
- Paint.
- Organic decorative render.

APPLICATION

Reference documents

- European Technical Approval Guide (ETAG) n°004: "Rendered external thermal insulation systems."
- European Technical Assessments:
 - RHÉATHERM 600**: valid
 - RHÉATHERM 600 LR**: valid
- Technical Application Documents:
 - RHÉATHERM 600**: valid
 - RHÉATHERM 600 LR**: valid
- Technical Assessment:
 - RHÉATHERM 600 MOB**: valid
- European fire reaction classification reports [according to European Standard 13501- 1]
 - RHÉATHERM 600** : valid
 - RHÉATHERM 600 LR** : valid
- CPT 3035_v3 - September 2018

Application conditions

- Application temperature: +5°C to +30°C.
- Do not apply if there is a risk of freezing in the hours following application.

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

Refer to the current Technical Specifications, the DTAs or the Technical Assessment for the systems in question

Product preparation

- Mix using a low speed electric mixer or in a batch mixer.
- Water/powder ratio: 5.2 to 6.2 L of water per 25 kg sack.
- Mixing time: 5 min.

Application

WORKABLE TIME AT +20°C	
Time the mix can be used	About 1 hour
Time between applications	16 h minimum
Time before finishing	12 h minimum

Application and consumption thicknesses on EPS (excluding terracotta facing brick finish)

		MINIMUM CONSUMPTION	MINIMUM APPLICATION THICKNESS WHEN DRY
BASE LAYER	1 st reinforced layer:	2.5 kg/m ²	3 mm
	2 nd reinforced layer	2 kg/m ²	

Application thicknesses on RW (excluding terracotta facing brick finish)

		MINIMUM CONSUMPTION	MINIMUM APPLICATION THICKNESS WHEN DRY
BASE LAYER	1 st reinforced layer:	4 kg/m ²	4 mm
	2 nd reinforced layer	2 kg/m ²	

Refer to the DTAs for the **RHÉATHERM 600** or **RHÉATHERM 600 LR** systems and to CPT 3035_v3 - September 2018, and the technical Assessment for the **RHÉATHERM 600 MOB** system.

- Clean the tools with water while the product is fresh.