

# RHÉAJET

THICK HYDRAULIC RENDER FOR THE RHÉATHERM 500 SYSTEM



## FINISHES: "FINE SCRATCHED", "ROUGH", AND "ROUGH CRUSHED"

- ✓ **RHEATHERM 500 system: 3-in-1 insulation fixing, rendering and finishing**
- ✓ **Suitable for coating EPS casting blocks with grooved facing**
- ✓ **Applicable using a spraying machine**

ETE / DTA



## PRODUCT INFORMATION

### Consumption

- **RHÉATHERM 500 ETICS system:**
  - 1<sup>st</sup> layer: 9 kg/m<sup>2</sup>
  - "scratched" finish: 10 kg/m<sup>2</sup>
  - "rough" or "rough crushed" finish: 8 kg/m<sup>2</sup>
- **Rendering of cast blocks with grooved facing:**
  - 1<sup>st</sup> layer: 14 à 15 kg/m<sup>2</sup>
  - "rough" or "rough crushed" finish: 8 kg/m<sup>2</sup>
  - "scratched" finish: 10 kg/m<sup>2</sup>
- **RHÉATHERM 600 ETICS system finish:**
  - "rough" or "rough crushed": 12 kg/m<sup>2</sup>
  - "scratched": 14 kg/m<sup>2</sup>
- **RHÉATHERM 600 LR and RHÉATHERM 600 MOB ETICS system finishing:**
  - "rough" or "rough crushed": 8 kg/m<sup>2</sup>
  - "scratched": 10 kg/m<sup>2</sup>
- **TRADIROC and TRADIBÂTARD GM render finishes:**
  - "rough" or "rough crushed": 8 kg/m<sup>2</sup>
  - "scratched": 10 kg/m<sup>2</sup>

### Shades

59 colours - Solar absorption coefficient < 0.7

### Storage

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

### Packaging

30 kg bag - 42 bag pallet

## SPECIFICATIONS AND PERFORMANCES

**Appearance:** coloured powder

**Composition:** selected mineral fillers, white cement, lime, additives, mass water repellent and mineral pigments, fibres

### PERFORMANCE MEASURED AT +20°C

<b>Adherence on concrete</b>	≥ 0.25 MPa
<b>Adherence on EPS</b>	Higher than the EPS cohesion
<b>European fire reaction classification</b>	B-s1, d0

## FIELD OF USE

### Purpose

- Thick hydraulic render for the **RHÉATHERM 500** system: creation of the undercoat and finish
- Coating for EPS casting blocks with grooved facing.
- Finish for the **RHÉATHERM 600**, **RHÉATHERM 600 LR** and **RHÉATHERM 600 MOB** ETICS systems.

### Authorised bases

- For ETICS (External Thermal Insulation): refer to CPT 3035\_v3 - September 2018, and the ETE and DTAs for the **RHÉATHERM 500**, **RHÉATHERM 600**, **RHÉATHERM 600 LR** systems and the **RHÉATHERM 600 MOB** technical assessment.
- Expanded polystyrene casting block masonry with grooved facing.
- Thin intermediate sub-render: **RÉNOPASS INTER**.
- On render body:
  - **TRADIBÂTARD GM GRIS / BLANC**
  - **TRADIROC**

### Unauthorised bases

- Polystyrene shuttering block masonry with smooth facing.
- Pure lime render.
- Plaster-based render ("pure plaster" or mixed with lime).
- Paint.
- Organic decorative render.
- 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:
  - RHÉATHERM 500**: valid
  - RHÉATHERM 600**: valid
  - RHÉATHERM 600 LR**: valid
- Technical Application Documents:
  - RHÉATHERM 500**: valid
  - RHÉATHERM 600**: valid
  - RHÉATHERM 600 LR**: valid
- Technical Assessment:
  - RHÉATHERM 600 MOB**: valid
- European reaction to fire classification reports (according to European standard 13501-1)
  - RHÉATHERM 500**: valid
  - RHÉATHERM 600**: valid
  - RHÉATHERM 600 LR**: valid
- CPT 3035\_v3 - September 2018

### Application conditions

- Application temperature: +5°C to +30°C.
- Dark colours: +8°C to +30°C.
- Do not apply in wet weather to avoid white blooming.
- 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 in a batch mixer.
- Water/powder ratio: 5.4 to 6 L of water per 30 kg sack.
- Mixing time: **7 minutes, to be respected imperatively.** Keep this time the same for each batch.

### Application

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

### Application thicknesses and consumption for the RHÉATHERM 500 system

		MINIMUM CONSUMPTION	MINIMUM APPLICATION THICKNESS WHEN DRY
<b>BASE LAYER</b>		9 kg/m <sup>2</sup>	5 mm
<b>FINISHING LAYER</b>	Scratched	10 kg/m <sup>2</sup>	5 to 6 mm.
	Rough or Rough crushed	8 kg/m <sup>2</sup>	5 to 6 mm.

Refer to the DTA for the **RHÉATHERM 500** system and CPT 3035\_v3 - September 2018.

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