

PARTHENA RAGREAGE



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PRODUCT FEATURES

- ▶ Fine levelling repairs up to 5 mm
- ▶ Identical appearance to stone
- ▶ Can be sanded - matt appearance of stone

WATER DOSAGE

- ▶ 7.2 to 7.7 litres per 30 kg bag

CONSUMPTION

- ▶ 1.4 kg/m² per mm thickness

DESCRIPTION

- Very fine (0.3 mm) white or through-coloured ready-to-mix lime-based mineral mortar designed as a fairing coat (5 mm max.) for calcareous stones.

FINISH OPTIONS

- Floated, sanded, recut.

USES

■ PERMISSIBLE SUBSTRATES

- Sound calcareous stone
- Masonry rendered with traditional mortar compliant with DTU 26.1

■ NON-PERMISSIBLE SUBSTRATES

- Stone placed on the ground, basements and underground walls
- Water-repellent substrates
- Stone substrates covered with paint or thick acrylic coatings

SPECIFICATIONS

■ COMPOSITION

- **Binder:** majority natural hydraulic lime with other specific admixtures for regulating setting. (lime/binder ratio = minimum 85% by volume).
- **Filler:** powder blend of calcareous stone and sand.
- **Mineral and organic additives**
- **Pigments (mineral oxides)**
- **Appearance:** white or coloured. The white powder can be coloured on site during mixing with mineral oxides (up to 100 g/bag) or natural colouring soils (up to 300 g/bag).

PERFORMANCE CHARACTERISTICS

- **Particle size:** 0-0.4 mm
- **Apparent density:** 1.4
- **Dynamic modulus of elasticity (MPa):** 5 000
- **Tensile strength (MPa):** 2.5
- **Compressive strength (MPa):** 5.5
- **Shrinkage at 28 days (mm/m):** 0.8
- **Capillary permeability factor (g/dm².min^{1/2}):** 5.8
- **Open porosity (%):** > 30
- **Mixture pot life:** 2 hours maximum

All of the above-mentioned values are average results of standardized laboratory procedures.

INSTRUCTIONS

- Preparation and application of **PARTHENA RAGREAGE** must be performed in compliance with the manufacturer's specifications and this Technical Data Sheet.

■ EQUIPMENT

- **Manual application:** trowel, knife, carborundum stone, sponge float, electric mixer.

■ SUBSTRATE PREPARATION

- Treat rising damp with **232 PARINJECTION**.
- Remove coatings and any loose elements.
- Reinforce areas with weak cohesion using **DURCIPIERRE***. Minimum drying time before performing repairs = 14 days).
- Decontaminate areas covered with moss using **251 LANKOMOUSSE***.
- Remove any loose or damaged elements (the stone must be cleaned down to a depth of at least 5 mm).
- Set out the repair zone (square or rectangular) by cutting clean edges in a dovetail shape to integrate the repair into its surrounding area.
- Affix reinforcement mesh for repairs exceeding 3 cm thickness.
- Dust and dampen the substrate until it is saturated, but not running with water.

■ PRODUCT PREPARATION

- **Equipment:** trowel or slow-speed paddle mixer (300 r.p.m.)
- **Water dosage:** 7.2-7.7 litres per 30 kg bag
- **Mixing time:** 3 minutes approx.

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PACKAGING

- ▶ 30 kg bag
- ▶ Pallet containing 42 bags (1 260 kg)

STORAGE

- ▶ **12 months**
from date of manufacture if stored in unopened original packing in dry conditions

WARRANTY

- ▶ Manufacturer's liability

APPLICATION

- Apply a very liquid bonding coat or a key coat enhanced with **FIXOPIERRE** added to mixing water (10%). This key coat must be pressed firmly onto the substrate in order to optimize bonding of the next coat.
- The overall thickness of the two coats must not exceed 5 mm. For thicker coating needs, use e.g. **ARTOPIERRE TF**.

Colouring

- **PARTHENA RAGREAGE** can be coloured on site during mixing, with mineral oxides (up to 100 g/bag) or natural colouring soils (up to 300 g/bag).

ADVICE ON PROTECTION AND PRESERVATION

- If necessary, reinforce demineralized stones and the whole façade with **DURCIPIERRE** 7 days minimum after repair.
- Waterproof if necessary with **238 HYDRORESIST**:
 - 28 days minimum after repair with **PARTHENA RAGREAGE** and 14 days minimum after applying **DURCIPIERRE**.
- Replace the water repellent **238 HYDRORESIST** with **BIO-GRAFFITI PROTECTION** on particularly exposed surfaces.

CONSUMPTION

- 1.4 kg/m² per mm thickness.
- Consumption will vary according to the condition of the substrate and the application conditions.

PARTHENA RAGREAGE is available in 12 different shades. *See colour chart below.*



Please note that printing processes do not allow an exact reproduction of colours. These examples are provided for guidance purposes only.

TECHNICAL ASSISTANCE: ParexGroup S.A. will, on request, provide information and assistance to companies in relation to the specific use of a product. Such assistance shall not be assimilated with structural design and conception, nor the compliance of substrates, nor as a control of usage rules in force.

TECHNICAL DATA SHEET ISSUED - September 2017

The information provided in this document results from our knowledge of the products and our experience. Prior to application, customers and users are requested to check that they are in possession of the latest version of this document. Please check for updates at www.parexlanko.com

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PRECAUTIONS

- This product is intended for use by professionals who have an excellent knowledge of techniques for restoring dressed stonework (preliminary test recommended).
- Do not undertake any work without first ascertaining the nature of the substrate and the cause of any problems.
- Temperature range for use: + 5°C to + 30°C.
- Above + 30°C, special precautions must be taken (protection, dampening...).
- Do not apply to a frozen or damp substrate. Do not apply in rainy, foggy, windy or dry & hot conditions.
- Protect the façade from the elements during application.
- Suitable Personal Protective Equipment must be worn (gloves, clothing, goggles).
- Please refer to the relevant Safety Data Sheet.