

## PRODUCT DATA SHEET

Parex<sup>®</sup> PARLUMIERE CLAIR

## HYDRAULIC LIME RESTORATION RENDER BASE COAT, REPOINTING AND BEDDING MORTAR

**DESCRIPTION**

Hydraulic, lime-based, lightweight, natural white mortar, designed for re-pointing joints in stonework, bricks and facing stones.

**USES**

For use as a building mortar for constructing masonry and as a base coat or key coat render but not as a weatherproofing coat.

**CHARACTERISTICS / ADVANTAGES**

- Ideal for building up thick coatings
- Can be customised by adding local sands
- Lime-rich
- Environmental benefits

**PRODUCT INFORMATION**

<b>Composition</b>	<ul style="list-style-type: none"><li>▪ Binder: hydrated lime + hydraulic binder (lime/binder ratio &gt; 69 % by volume)</li><li>▪ Filler: calcareous and siliceous sand</li><li>▪ Light mineral additives</li><li>▪ Organic additives: less than 0.2 %</li></ul>
<b>Packaging</b>	25 kg bags
<b>Shelf life</b>	12 Months from date of manufacture
<b>Storage conditions</b>	Dry frost free conditions
<b>Appearance and colour</b>	FINISHES NATURAL WHITE COLOURED ON SITE WITH LOCAL SANDS OR NATURAL EARTH
<b>Maximum grain size</b>	Granulometry: 0 - 2.5 mm

**TECHNICAL INFORMATION**

<b>Compressive strength</b>	CS I
<b>Capillary absorption</b>	W0
<b>Reaction to fire</b>	A1

**APPLICATION INFORMATION**

<b>Mixing ratio</b>	4.6 – 5.6 L per 25 kg bag
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## Consumption

These values are provided as guidance only and may vary subject to substrate conditions and thickness applied.

- 15 kg/m<sup>2</sup> 1.6 – 1.7 m<sup>2</sup> @ 10 mm per 25kg bag.

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## IMPORTANT CONSIDERATIONS

- For professional use only.
- Dampen the substrate prior to application. Dampen the hardened render after application.
- Protect façades throughout the work.
- Do not apply to a frozen substrate. Do not use in freezing conditions.
- Minimum application temperatures: +5 °C.
- Over +30 °C, special precautions must be taken.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### EQUIPMENT

- Manual application: trowel/float.
- Mechanical application:

<b>MECHANICAL APPLICATION</b>	<b>SPRAY RENDER MACHINE</b>	<b>SPRAYING POT</b>
Pump Pressure	6-8 bars	
Air Flow		60 m <sup>3</sup> per hour minimum
Air Pressure		4-6 bars

### SURFACE PREPARATION

- Substrates must be clean, sound and dust-free.
- Treat capillary rise in walls (for example with 232 PARINJECTION\*).
- Check soundness, remove all loose material e.g. paint, synthetic coverings, plaster.
- Rake out joints to a depth of 2 to 3 cm.
- All repairs must be carried out a minimum of 7 days before application.
- Spray with water (except earth-based substrates) the day before until saturated, but not so that wall is running with water. Repeat prior to application, ensuring that substrate is wet through.

\* Refer to the specific product data sheets

### SUBSTRATE QUALITY / PRE-TREATMENT

#### SUBSTRATES

#### SUITABLE FOR

- Pisé, rammed earth, adobe, cob, witchet, clinker.

- Old masonry constructed with weak mortar.
- Masonry with plaster or lime mortar pre-treated with GOBETIS SPECIAL A\*
- Masonry coated with traditional mortar conforming to BS EN 459-1 or BS EN 13914-1.
- One-coat weather-resistant mortar, including PAREX grey weather resistant base-coats.
- New masonry construction e.g. Concrete or aircrete blockwork.

#### UNSUITABLE FOR

- Pure hydrated lime or plaster coatings, paint, thick acrylic painted coverings - unless coated with PARINTER\* renovation mortar. Refer to specific requirements on the PARINTER\* data sheet.
- Lightweight hydraulic coats with lower mechanical strength than PARLUMIERE CLAIR.
- Exposed horizontal substrates with a vertical incline above 10 ° - a backward incline may affect water run off and may have a tendency to hold moisture.

#### MIXING

- Machine mixing time: 5 minutes.
- Cement mixer mixing time: 5 – 7 minutes

#### APPLICATION

##### For joints between bricks and facing stones.

- Press firmly into joints with a trowel. Brush after drying.

##### Coating on old masonry — thickness 15 to 30 mm.

To ensure full weatherproofing, the finished coat must have a minimum overall thickness of 15 mm and must be applied in 2 or 3 compact coats.

- 3 coats, manual: apply the first coat or key coat 48 hours before the following 2 coats in successive compact layers.
- 2 coats, mechanical: spray a 10 mm body coat and leave to dry for 3 days then apply a 5 – 12 mm finishing coat.

##### Very thick coating on old masonry — thickness 50 mm maximum.

- Apply a minimum of 2 compact coats with a minimum 7 days drying time between each coat, according to weather conditions. For coverings between 30 mm and 50 mm, use galvanised or stainless steel reinforcement mesh.

##### Coating on pisé, adobe, cob, witchet, clinker — thickness 10 to 25 mm maximum.

- Apply 2 compact coats on to a hardened key coat of PARLUMIERE CLAIR with FIXOPIERRE\* added. Never dampen earth based substrates. For additional information refer to CHAUX DE PAVIER\* data sheet.
- Loose or mixed substrates should be reinforced with a flexible large mesh.

##### Coating on masonry covered with plaster mortar — thickness 15 to 30 mm.

- Rake out joints to a depth of 3 cm. Apply GOBETIS SPECIAL A\* and leave to dry for 24 hours. Then apply 2 compact coats, with a minimum of 3 days' drying

time between them, covering the entire substrate evenly.

- Final coat — thickness of 5 to 12 mm.
- Apply a coat of PARLUMIERE CLAIR in 1 or 2 layers (2nd layer whilst 1st is still fresh). Finish as required: Spray Textured, Smooth Spray, Textured Float-Smoothed, Trowel Smoothed ... in natural white.

#### FINISHES

- Natural white or customised on site by adding 3 L of 2 to 5 mm sand and/or a maximum of 300 g natural colouring (soil) per bag.
- The top coat finish can be created with a coating from the PATRIMOINE Heritage lime render range (PARLUMIERE MOYEN\*, PARLUMIERE FIN\* or PAREX-AL\*). Other associated coverings include CALCILANE DECO\*, CALCILANE BADIGEON\*, CALCILANE EN-DUIT\*, CALCILANE ANTICO\*.

\* Refer to the specific product data sheets

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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#### Product Data Sheet

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