

PRODUCT DATA SHEET

Parex® PARLUMIERE STH

HYDRAULIC LIME WATERPROOFING BASE COAT AND BUILDING MORTAR

PRODUCT DESCRIPTION

Hydraulic, lime-based, lightweight, water repellent mortar and render, resistant to sulphates, designed to stabilise masonry which has deteriorated due to salts, saltpetre or damp.

USES

PARLUMIERE STH is suitable for waterproofing masonry and for use as a building mortar. It can receive a decorative finish adapted to the PATRIMOINE range of lime renders or it can remain uncovered.

CHARACTERISTICS / ADVANTAGES

- Special Damp Treatment
- Hand or Machine application

APPROVALS / STANDARDS

EN998-1

PRODUCT INFORMATION

| | |
|---------------------------|---|
| Chemical Base | <ul style="list-style-type: none"> ▪ Binder: hydrated lime and specific binder resistant to salts (sulphates, chlorides, nitrates). ▪ Lime/binder ratio = 55 % minimum by volume ▪ Light mineral additives ▪ Organic additives: less than 0.3 % |
| Packaging | 25 kg bags |
| Shelf Life | 12 Months from date of manufacture |
| Storage Conditions | Dry frost free conditions |

TECHNICAL INFORMATION

| | |
|-----------------------------|--|
| Compressive Strength | CS I |
| Capillary Absorption | W0 |
| Reaction to Fire | A1 |
| Mixing Ratio | 5.4 – 6.25 L per 25 kg bag |
| Consumption | <p>These values are provided as guidance only and may vary subject to substrate conditions and thickness applied.</p> <ul style="list-style-type: none"> ▪ 1.8 – 2 m² @ 10 mm per 25 kg bag. |

VALUE BASE

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

LIMITATIONS

- For professional use only.
- Protect fresh renders from running water, wind, sun, rain etc with a tarpaulin or draught stopper netting.
- Do not apply to a frozen substrate or if there is a risk of frost.
- Minimum application temperatures: +5 °C. Over 30 °C, special precautions must be taken.
- If treating rising damp, check drying time needed before covering.

ECOLOGY, HEALTH AND SAFETY

Wear suitable protective clothing, gloves and eye / face protection. This product contains materials which may cause an allergic reaction, is irritating to eyes and harmful if swallowed. In case of contact, seek medical advice. Keep out of the reach of children. Read and follow the guidelines in the Health and Safety data sheet for this product.

APPLICATION INSTRUCTIONS

EQUIPMENT

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

| MECHANICAL APPLICATION | SPRAY RENDER MACHINE | SPRAYING POT |
|------------------------|-----------------------|---------------------------------------|
| Pump pressure | 6 – 8 bars (water) | |
| Air flow | | 60 m ³ per hour minimum |
| Air pressure | | 4 – 6 bars |

SURFACE PREPARATION

- Completely remove existing renders, rake out joints (to approximately 30 mm depth).
- Systematically clean and dry the substrate.
- Treat any rising damp (for example with 232 PARINJECTION*).
- Masonry that is saturated with water must be dried out before being covered.
- Repairs with PARLUMIERE STH must be carried out a minimum of 7 days before applying a top coat finish.
- The application of an approved galvanised (internally only) or stainless steel reinforcement mesh may be necessary depending on the type and condition of the masonry.

NB:

PARLUMIERE STH does not stop all, but it slows down the migration of salts and their appearance on the surface.

A long term solution is only possible after completely removing all causes of rising damp.

SUBSTRATE QUALITY / PRE-TREATMENT

SUBSTRATES

SUITABLE FOR

- Clinker, brickwork, stone etc.
- Old masonry erected with weak mortar.
- Masonry coated with traditional mortar conforming to BS EN 459-1.

UNSUITABLE FOR

- Masonry constructed with a gypsum based mortar.

MIXING

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

APPLICATION

- Mortar should be applied to both sides of the wall.
- First fill the joints, then when the mortar is dry, apply the base coat to an even depth of 20 mm.
- Smooth and compact with a notched rule. The surface should be left with a roughend surface if receiving a decorative covering or float-smoothed if left as a final finish.
- Height of application: minimum 1 m above signs of damp.
- Drying time before covering PARLUMIERE STH: 7 days minimum.
- PARLUMIERE FIN*, PARLUMIERE MOYEN*, PAREX-AL*: can be applied as a decorative layer of 5 mm plus a textured finish for sprayed finishes or a layer of 7 – 8 mm before float-smoothing or after scraping.
- CALCIDECO*: 5 mm depth of covering.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

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
Parex® PARLUMIERE STH
February 2022, Version 01.01
021850200000000001

ParexPARLUMIERESTH-en-IE-(02-2022)-1-1.pdf

