

PARLUMIERE STH

HYDRAULIC LIME WATERPROOFING BASE COAT AND BUILDING MORTAR



FINISHES
FLOAT SMOOTHED OR
COMBED READY TO RECEIVE A
DECORATIVE FINISH



50

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.

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 renders or it can remain uncovered.

SUBSTRATES

SUITABLE FOR

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

UNSUITABLE FOR

- Masonry constructed with a plaster based mortar.

TECHNICAL CHARACTERISTICS

COMPOSITION

- Hydraulic lime conforming to construction lime standards BS EN 459-1, based on hydrated lime and sulphate-resistant binders.
- Siliceous sands with adapted particle size: all through 1.6 mm sieve, 80% through 0.615 mm sieve.
- Light mineral additives.
- Organic rheological and water repellent additives less than 0.3%.
- Does not contain cement.

PERFORMANCE

- | | |
|--|-------|
| ■ Occluded air | 29.5% |
| ■ Water retention | 95% |
| ■ Hardened product | |
| ■ Density (g/cm ³) | 1.2 |
| ■ Compression strength (Mpa) | 3.10 |
| ■ R _c / R _t | 2.6 |
| ■ Capillarity (g/dm ² /m ^{1/2}) | 0.35 |
| ■ Diffusion of water vapour | 9 |
| ■ Resistance to salts (days) | >28 |

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

INSTRUCTIONS

SUBSTRATE 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 rising damp.



Suitable for heritage applications

PAREX

The information provided in this document results from our knowledge of the products and our experience. On-site results may vary, in particular according to the product application methods adopted. Where application methods not covered by this document are used, customers must request specific additional information and/or carry out a representative test before using the products. The above-mentioned information in no way constitutes a warranty relative to the use of the products. Our general terms and conditions of sale shall prevail, in any event, on the information provided in this document. Prior to application, customers and users are requested to check that they have the latest version of this document.

- Special Damp Treatment
- Hand or Machine application

EQUIPMENT REQUIRED

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

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

PRODUCT PREPARATION

- Water dosage: 6.5 – 7.5 litres per 30 kg bag.
- Machine mixing time: 5 minutes.
- Cement mixer mixing time: 5 – 7 minutes.

APPLICATION

SUITABLE FOR

- Machine or manual applications.
- 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.

FINISHES

- Drying time before covering PARLUMIERE STH: 7 days minimum.
- PARLUMIERE FIN, PARLUMIERE MOYEN, PAREXAL: 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.

MINIMUM CONSUMPTION

- 13 kg/m² per cm thickness.

PRECAUTIONS

- 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.



PACKAGING

30 kg bag - 40 bags per pallet.
2-ply paper and 1-ply polyethylene.
Disposable wrapped pallet of 1200 kg.

STORAGE

1 year from date of manufacture if stored in unopened original packing in dry conditions.

WARRANTY

Manufacturer's liability.

REFERENCE DOCUMENTS

- BS EN 459-1 2001 - Building Lime, definitions, specifications and conformity.
- BS 5628-3 - Code of Practice for the use of Masonry.
- BS EN 13914-1 - Code of Practice for External Rendering.
- BS 8000 - Workmanship on Building Sites.

PRECAUTIONS

Read and follow the guidelines in the Health and Safety datasheet for this product.

TECHNICAL ASSISTANCE

PAREX will, on request, provide information and assistance to companies in relation to the use of a specific product.

Such assistance shall not be associated with structural and design conception, nor assume or accept liability for compliance of substrates, nor compliance to instructions provided.

Technical Information

01827 711755

Download the technical datasheet and consult the health and safety document on our new site: www.parex.co.uk