

PRODUCT DATA SHEET

Parex Historic Mortar KL

Cement-free mortar suitable for use with dense masonry

DESCRIPTION

Parex® Historic Mortar KL is a traditional hydrated lime, sand, GGBS mortar. Consistent in both colour and finish, Parex® Historic Mortar KL is pumped deep into the joint, providing a complete fill and a degree of flexibility.

USES

Designed for gun-injection, Parex® Historic Mortar KL is suitable for use with dense masonry and brick tiles, eg. Corium Brick Cladding System, where porosity is low and suction is limited.

CHARACTERISTICS / ADVANTAGES

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- Fast Application
- Cost Effective
- Complete Joint Fill
- Stain-free & Colour Consistent

APPROVALS / CERTIFICATES

EN998-2

PRODUCT INFORMATION

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|-----------------------------|---|
| Packaging | 25 kg Bag |
| Shelf life | 12 Months from date of manufacture |
| Storage conditions | Dry frost free conditions |
| Compressive strength | Class M5 |
| Thermal conductivity | P=50 % 0.81 W/(m.K), P=90 % 0.88 W/(m.K) |
| Water absorption | 0.06 kg/(m ² min ^{0.5}) |
| Water permeability | μ 15/35 |
| Reaction to fire | Class A1 |
| Mixing ratio | Water 3.75 L per 25 kg |
| Consumption | Coverage will vary according to the width and depth of the joint - on brickwork with 10 mm joints filled to a depth of 15 mm, 1 bag of mortar will cover approximately 5.5 m ² of wall area. |

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.

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 for Use

Joint Preparation

In order to ensure adequate bonding of the new mortar to the masonry, it is important that the old mortar is removed and that any residual dust is removed from the joint. Cut out defective mortar to a minimum depth of 8 mm or 1.5 times joint width. Flush out with compressed air or water and leave surface damp.

Mixing

Mix whole bag of powder. Place 3.75 L of clean water in a mixing tub and gradually add dry Parex® Historic Mortar KL whilst mixing (the quantity of water will vary with the colour used). Mix using a low speed/paddle mixer with clean water to produce a mortar with a consistency of finishing plaster. Allow to stand for 5 minutes and remix. To check consistency, fill the pointing gun to within 12 mm of the top and shake. Check correct consistency by filling the tube, the mortar should hang from the end of the nozzle when the tube is shaken. A ribbon of mortar should appear from the nozzle.

Placing

Keeping the nozzle just clear of the wall, inject the mortar into the joint, slightly overfilling, working from the top of the wall downwards. The mortar should be tooled off after it has formed a semi-dry surface skin and lost its initial sheen. The time this takes depends upon the absorbency of the masonry. Place the nozzle the face of the joint and inject the mortar filling the perpendiculars first and starting from the bottom of each joint. Finish the horizontal joints after 1-2 metres have been completed to the required profile. Parex® Historic Mortar may be placed at temperatures between +5 °C and +35 °C. Do not carry out jointing work if rain is expected.

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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