

Kalx Stone Repair Mortar



For repairing lime-based natural stone elements

APPLICATION

Kalx Stone Repair Mortar is a purely mineral product, composed of natural hydraulic lime and is excellently suited for repairing, restoring, and touching up of porous, lime-based natural stone elements. These elements may be small but can also involve large surfaces.

PROPERTIES

Kalx Stone Repair Mortar is characterised by high vapour diffusion, good mechanical values, is weather resistant and can be spread out to zero thickness. It is chemically compatible with materials used in historic buildings.

SUITABLE SUBSTRATES

Kalx Stone Repair Mortar can be applied on all mineral, stony, absorbing and load-bearing substrates. The substrate must be free from dust, dirt and other contaminations.

UNSUITABLE SUBSTRATES

Kalx Stone Repair Mortar cannot be applied on salt-loaded, dense, film-forming and non-absorbing substrates, such as dispersion, silicones and oil.

TEMPERATURE

Kalx Stone Repair Mortar may not be applied in temperatures below 5°C or above 35°C.

PREPARATION

Before Kalx Stone Repair Mortar can be applied, the substrate must be adequately prepared. This means that the substrate must be clean. Next, the substrate and substrate must be pre-moistened, but must not become too wet. In case the substrate is too porous, Kalx Stone Repair Mortar can be diluted a little with water to form a paste. In order to achieve a proper bonding with the substrate, it is recommended first to apply some mortar paste on the substrate, after which the mortar itself can be applied and be finished in the desired form. Kalx Stone Repair Mortar can be modelled 1-2 days after application.

CLEANING

The tools used for applying Kalx Stone Repair Mortar can be cleaned with clear water. Any spatters in undesired places must immediately be removed with clear water.

SUPPLY

Kalx Natural Stone Repair Mortar is supplied ready-for-use. Only water needs to be added.

PACKAGING AND STORAGE

Kalx Stone Repair Mortar is supplied in 1kg tubs and 5kg, 10kg, 15kg and 25kg bags. The material can be stored for a maximum period of 6 months, provided the material is stored in sealed packing, in a dry, cool and frost proof place.

SAFETY

Kalx Stone Repair Mortar is free from synthetic substances and aromatics. Still, it is recommended to wear gloves and protective glasses during application. In the event of contact of the material with skin or eyes, rinse with clear water. Keep the material away from children and animals. The material is not intended for consumption.

TECHNICAL CHARACTERISTICS

Appearance	Powder
Application Temperature °C	5 - 35
Compression strength EN 1015-11	
in 1 day	> 1.9 Mpa
in 7 days	> 2.8 MPa
in 28 days	> 5.2 MPa
Flexural strength EN 1015-11	
in 1 day	> 0.9 Mpa
in 7 days	> 2.4 MPa
in 28 days	> 3.4 MPa

Modifications and any printing errors excepted. Published data are laboratory values and may vary in practice.