

Kalx Stone Repair Instructions



Mortar Preparation

1. Where relevant, for colour consistency use a full bag of repair mortar.
2. Mix 1 part water with 4-5 parts repair mortar. The mix should form into 1.5cm to 2.5cm balls and be slightly dry.

Repair Method

3. Ensure surface to be repaired is free from dust, dirt and loose particles.
4. Substrate should be pre-moistened and damp but not too wet. Weather factors such as direct sunlight should be taken into account.
5. Loose and crumbling material should be removed and can be treated with Total Wall Care Stabiliser prior to repair.
6. Using an appropriate trowel for the repair, the mortar should be firmly pressed into the existing stone ensuring that there are no gaps.
7. Deep repairs should be built up in layers no more than 20mm deep and allowed to cure.
 - 7.1 The first layer should be slightly wetter than the main mix. Roughly the consistency of smooth peanut butter.
8. Any top skin that forms should be scrapped back between layers.
9. Final layer should be 3mm to 10mm proud of the surrounding surface and allowed to cure. 3mm is sufficient for flat stone.
10. The repair can then be shaped and modelled with appropriate tools for up to two days after application.

Notes

11. Product should not be applied in temperatures below 5°C.
12. In hot temperatures or direct sunlight the repair area should be damped down with a water filled hand sprayer every 3 to 4 hours or covered with damp hessian and allowed to cure.
13. The tools used for applying the Stone Repair Mortar can be cleaned with clear water.
14. Any splatters in undesired places should be removed with clear water.



TECHNICAL CHARACTERISTICS

Compressive Strength (EN 1015-11 :	>1.9MPa to >5.2 MPa from 1 to 28 days
Flexural Strength (EN 1015-11 :	>0.9MPa to >3.4 MPa from 1 to 28 days
Water Mixing Factor (Litre/Kg)	7-9
Volume mixed mortar (ml/Kg)	700
Consumption (Kg/m ² , 15mm thickness)	1.25

Coverage is dependent on the depth of the repair.

On average a 1Kg of Kalx Stone Repair will cover 0.7m² at a thickness of 1mm.

Storage - 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 INFORMATION

- **Keep Out of Reach of Children**
- Irritating to eyes and skin
- Avoid contact with eyes and skin
- Risk of serious damage to eyes
- In case of contact with eyes and skin rinse immediately with plenty of water and seek medical advice
- Do not breathe dust
- If swallowed seek medical advice immediately and show this label or container
- Gloves and eye protection should be worn during mixing and application.
- Contains Natural and Synthetic Pigment: CAS No. 1309-37-1
- May contain Amorphous Silica CAS No. 7631-86-9