

# Kalx Pointing Mortar Instructions



## Preparation

1. Remove all loose material and rake out old mortar to a minimum depth of 10mm using a mortar joint rake or a narrow chisel.
2. Brush out all dust or blow out with compressed air.
3. Lightly dampen joints with water sprayer.

## Mixing

4. Empty a quantity of dry mortar powder into a clean bucket and mix thoroughly before adding water.
5. Slowly add water until the mix is stiff enough to form a ball. Then mound it up. The mix should stand without collapsing or slumping.

## Pointing

6. Hold mortar board or trowel upside down and load with mortar.
7. Begin at the very bottom, as this part of the wall is most susceptible to damp, but once the first metre or so has been repointed change direction and work from the very top of the wall down. Don't worry too much about being neat at this stage of the process (though try to avoid spilling or smearing damp mortar all over the bricks or stones themselves) – the most important thing is that you apply sufficient mortar into every space.
8. Using a finger trowel, push mortar firmly into each joint ensuring that it is completely filled.
9. Once two or three vertical joints have been filled fill the horizontal joints.
10. Leave to dry for a while until it can be touched without leaving a fingerprint but can still be scratched with a tool or fingernail. Then brush excess mortar away using a stiff brush.

## Notes

11. Product should not be applied in temperatures below 5°C.
12. In hot temperatures or direct sunlight the fresh pointing mortar should be moistened once a day for three days or covered with damp hessian so as to avoid drying too quickly.
13. The tools used for applying the mortar can be cleaned with clear water.
14. Any splatters in undesired places should be removed with clean water.

## TECHNICAL CHARACTERISTICS

Specific Gravity (Kg/dm <sup>3</sup> )	1.75
Bending/Tensile strength (N/mm <sup>2</sup> )	1.8 - 2.4
Compression Strength (N/mm <sup>2</sup> :	2.0 - 5.0
Water absorption (%)	14.60
Water Mixing Factor (Litre/Kg)	4.4 - 5.6
Volume mixed mortar (ml/Kg)	600
Consumption (Kg/m <sup>2</sup> , 1mm thickness)	1.67

**Coverage** is dependent on the depth of the repair.

1kg of dry mortar will supply approximately 600ml of mixed mortar. This will fill a 6000mm x 10mm x 10mm joint.

**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