

# Product Data Sheet



## K LIME SB1

K Lime SB1 is a Natural Hydraulic Lime based preparatory key coat which is used to improve the adhesion of K Lime renders to difficult substrates such as natural stone and brickwork. The product only requires the addition of water and thorough mixing prior to use. K Lime SB1 is designed to be used as a stipple coat as described in EN 13914-1 and is manufactured to ISO 9001.

K Lime SB1 may be used as a preparatory coat to combat problems due to insufficient key or poor suction. It also helps provide suction control across a range of backgrounds.

K Lime SB1 is a blend of Natural Hydraulic Lime, carefully selected white limestone sand and other performance enhancing additives, derived from natural sources. It is applied using a hawk and trowel, scrubbed into the surface and immediately textured to leave a rough stipple finish. Subsequent render coats may be applied when K Lime SB1 has dried.

### Coverage

1.6 Kg/mm thick/ sq. m

### Require

5 kg/sq. m approx., depending on condition of and suction of the substrate. Nominal 2-3mm thickness.

### Preparation

The substrate should be sound, clean, dry & free from any loose or friable material. Protect all adjacent areas.

### Application

- Add 25 Kg of powder to 4-5 Litres of water with mixing.
- Mix thoroughly for at least 10 minutes to break down the additives to give a fluid easily worked mortar.
- K Lime SB1 can be applied using a hawk and trowel.
- Apply K Lime SB1 to substrate, scrub well into the background and immediately create a rough stipple effect using a textured roller.
- Allow scud coat to dry before rendering.

### Site Conditions

K Lime SB1 has a working temperature range of 5°C to 35°C. The product should not be applied to frozen or thawing substrates. In cold weather, or if frost is forecast, work should stop in time to allow the material to set sufficiently to prevent frost damage.

### Health & Safety

- Natural Hydraulic Lime powder mixed with water releases alkali.
- It is important not to kneel or sit on wet material as harmful contact can occur through saturated clothing.
- Keep out of reach of children.
- Use barrier cream if necessary.
- Eye protection is recommended.
- If gloves are worn, they should not be plastic or latex
- Direct skin contact should be avoided.
- Access by unauthorised persons should be prevented during the period in which the mortar is green.

### Cleaning

All equipment can be cleaned with clean water immediately after use. Residue must not enter drainage systems.

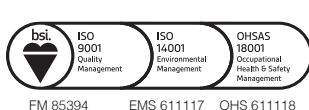
### Packaging

- Each complete pallet contains 40 sacks and weighs 1.0 tonne.
- All product sacks must be protected on site.
- The shelf life is approximately one year if stored off ground in original, sealed containers and protected against frost and away from direct sunlight.
- It is important to note that all K Lime products are non-returnable.

### Other Information

A technical advisory service is available on request.

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