

STONE TREATMENT – CLEAR COATING

If a clear, water repellent coating is required for stone we recommend the use of KEIM Lotexan. KEIM Lotexan is a water repellent siloxane based treatment specifically developed for use on stone.

When applied, KEIM Lotexan soaks into the substrate and, having a small molecular size, coats the pores of the stone. A chemical reaction takes place, creating the water shedding properties of the siloxane, imparting water repellence while maintaining vapour permeability.

KEIM Lotexan is a beneficial alternative to traditional silicone treatments which have a much larger molecular size and tend to fill the pores rather than coating them, reducing breathability.



KEIM LOTEXAN®

TECHNICAL INFORMATION

1 Field of application

KEIM Lotexan is a siloxane based water repellent impregnation to reduce the water absorption of natural stone. It can be used to protect all common kinds of natural stone from water, acid rain and atmospheric pollution.

2 Product properties

- Easy to apply
- Water vapour permeable
- Totally clear
- Surfaces show no sign of treatment

Colour shades

Clear

KEIM Lotexan s_d: 0.05m

3 Application instructions

Substrate preparation

All gaps, cracks and holes in the substrate must be filled prior to any further treatment. Any suspect mortar jointing should be raked out and re-instated where necessary. Any newly repaired areas must be allowed to dry out for a minimum period of 15 days prior to the application of KEIM Lotexan.

All surfaces should be washed down with clean cold water to remove all surface dirt and dust.

Application

KEIM Lotexan should be applied by low pressure spray or brush, working from the bottom of the substrate upwards, firstly in a horizontal manner. After a period of approximately 10 minutes a further application may be applied, again from bottom to top, this time in a vertical manner, thus ensuring that all facets of the substrate are well coated.

It is important that KEIM Lotexan is applied onto a dry surface and during a period of time of at least 2 hours when no rain is expected.

Consumption

Approx. 0.4lt/m² for two coats onto a smooth surface.

Consumption rates are offered for guideline purposes only and are quoted for smooth surfaces. Actual rates are the responsibility of the applicator. Project specifications should be referred to for specific rates.

Cleaning of tools

Clean immediately after use with solvent.

4 Packaging

5lt containers