

Dense, high adhesive power, single-component resin for cement and lime

Description

Kimitech EP-RG is a dense, high adhesive power, single-component resin for cement and lime; the product confers strong adhesive properties, water-repellence and elasticity to the mixture ensuring the adhesion even of thin patch layers (10-15 mm). After setting, Kimitech EP-RG cannot be re-softened with water. Kimitech EP-RG is 100% water and alkali-resistant; it delays the onset of setting, ensuring the mixture cures better.



Uses

Kimitech EP-RG is used to increase the adhesive power of mortars containing cement, lime or gypsum-based binders; it is suitable for construction joints, to make plaster/ render coats adhere to reinforced concrete structures, for finishing layers on bitumen floors, and to level substrates which vinyl floors and carpet will later be laid on.

Application

Surfaces to be treated must be clean, free of any grease, flaking parts and damped to saturation point without any build up of water. To make slurry keys, mix the Kimitech EP-RG resin with water then mix with the binder in the recommended mixing ratios.

The resultant slurry key can then be applied with a Dutch brush, broom or spray gun, being careful to distribute it abundantly across the entire area to be treated.

To make rough coat mortars, mix the binder with the washed inert materials (granulometry of 3-5 mm) and with Kimitech EP-RG resin (previously mixed with water), in the recommended mixing ratios. The resultant mortar can be laid using normal builder's tools. To prepare levelling mortars, mix Kimitech EP-RG with the binder and inert materials in the recommended ratios.

Apply the levelling mortar only when the slurry key starts to turn opaque as the water evaporates. Never apply the levelling mortar after the slurry key has hardened.

For restoration jobs less than 15 mm in thickness, always add Kimitech EP-RG to the levelling mortar (in a 1:10 ratio in relation to the weight of the binder - either cement, lime or gypsum-based).

Dosages

Slurry key

- Kimitech EP-RG: 1 litre (1.1 kg), water: 1 litre (1 kg), cement: 2,5 litre (4 kg).

Rough coat mortar

- Kimitech EP-RG: 1 litre (1.1 kg), water: 1 litre (1 kg), cement: 2 litres (3.2 kg); sand 3 litres (5.7 kg).

Levelling mortar

- Kimitech EP-RG in 1:10 ratio in relation to the weight of the binder used in the mortar.

Packaging

Tanica di plastica da Kg 1 in scatola da Kg 24

Tanica di plastica da Kg 5 in scatola da Kg 20

Contenitore metallico da Kg 25

Fusto metallico da Kg 208

Characteristics	Value
Consistency	Liquid
Colour	white
Density UNI EN ISO 2811 - 1	1,1 g/cm ³
pH UNI 8311	10 - 11
Solid content UNI 8309	45 %
Minimum filming temperature	0 °C

Consumption

Mortar slurry: 250 g/m².

Storage

Protect from frost. Store the product at temperatures above 5 °C. In these conditions and in air/watertight containers, the product remains stable for 24 months.

Warning

Product for professional use. In very high temperatures, the product should be applied at night and wetted for the first few days. In very low temperatures on the other hand, apply the product in the morning and wet it the following morning. The equipment used to prepare and lay Kimitech EP-RG must be washed with water before hardening. The technical specifications and application methods recommended herein are based on our current knowledge and experience and do not represent any form of guarantee of the final results obtainable with the product. It is the customer's responsibility to check that this data sheet is still effective and has not been replaced with a more recent version, and that the product is suitable for the intended use.

