



KEIM RESTAURO GRUND

1. Product Information

Keim Restauro Grund is a dry bagged pre-mixed restoration mortar with hydraulic binders used for stone repair.

2. Field Of Application

The Keim Restauro system is a natural stone substitute for imitations of figures and building components by means of casting open or closed moulds. Keim Restauro Grund can be used to restore stone surfaces as part of the Restauro Stone Restoration system.

3. Product Characteristics

- Easy to apply
- Long lasting

Apparent (piled) density:	1.59 kg/lt.
Water consumption:	approx. 0,17 lt/kg
Processing time:	max 45 mins
Setting time:	more than 8 hours
Compressive strength:	34.4 N/sm
Flexural strength:	5.7 N/sm
Coefficient of heat expansion:	-6 -1 12.6 x 10 K
Working temperature:	min. 5C

4. Application

Substrate Preparation:

Remove loose material and old coats mechanically or with a water pressure jet.

Application:

All loose and friable material should be cut back to a sound level and repaired with Keim Restauro Repair system, this comprises of a range of repair mortars, filler and earth oxide pigments. Having cut the stone back to a sound base, Keim Restauro Grund mixed with clean cold water to a moist earth consistency should be applied to the level of approximately 5mm below the finished surface. This is only suitable if the depth is in excess of 10-15 mm.

Keim Restauro Top should be mixed only with clean cold water, approximately 5 lt/30 kg. For larger quantities use stirring machine or mixer. After a ripening period of 5 minutes the mortar should be of light flow properties. For moulding silicate resin moulds should be used.

Keim Restauro Top can be applied proud of the surface using a trowel, allowed to harden and then dressed back in a manner to suit the surrounding stonework. If necessary stainless steel reinforcements, screws and wires can be used to hold repair materials in place until the mortar is dry.

Temperature:

Do not process below +40°F (5°C) of re-circulated air and surface. Do not apply in direct sunlight and high winds.

Setting Time:

1 day per 1mm layer thickness.

Colours:

Grey

Subsequent Works:

Keim Restauro Grund should be over coated with Keim Restauro Top.

Consumption:

Approximately 10 kg/m² for 5mm thick repair. (The consumption rate is offered for guideline purposes only. Determine actual consumption by tests on trial areas.)

5. Packing

30 kg bags

6. Storage

The product has a shelf life of 6 months, if stored in a dry, cool and frost free place.

7. Identification ref. Ordinance of dangerous material

Not applicable

8. Danger class in goodstraffic

Not applicable

9. Product Code

Not applicable

10. Safety Instructions

Cover surfaces which are not to be treated, in particular glass, natural stone, ceramics, etc. Splashes have to be moved immediately with plenty of water. Protect eyes and skin from splashes. Keep out of reach of children.

Observe the actual general rules of building technology. Subject to changes in the interest of product and application improvements. This edition replaces former editions.

