



KEIM RESTAURO GIESS

1. Product Information

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

2. Field Of Application

Keim Restauro Giess (Casting) is a natural stone replacement material for the reinstatement of stone architectural details and figures by means of both open and closed form casting.

3. Product Characteristics

- Easy to apply
- Can be colour matched to the stone
- Long lasting

Dry Density:	1.55 kg/litre
Water Addition:	approx. 0.17 l/kg
Working Time	max 45 mins.
Hardening Time	> 8 hours
Compressive strength	34.4 N/mm ²
Flexural strength	5.7 N/mm ²
Thermal expansion coefficient	12.6. 10 ⁻⁸ k-1
Working temperature	min 5°C

4. Application

Substrate Preparation:

Remove loose material mechanically or with a water pressure jet.

Application:

Keim Restauro Giess is mixed with water in the ratio of 5 litres of water to 30 kgs material. Mix either by hand or using a mechanical mixer. Allow to settle for at least 5 minutes before placing where required.

Use silicone rubber moulds for complex shapes and leave the material in the mould for at least 48 hours.

Wait at least 8 days after casting before undertaking any dressing or finishing work. Such works will generally result in a lighter shade appearance

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:

Keim Restauro Giess is available in most colours from the Natural Stone range and the Palette Exclusive Range. Special mixes can also be achieved. All colours are monotone in shade and therefore exact replication of stone appearances is not practical.

Consumption:

Approximately 22 kg/m² for 1cm 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.

