



TECHNICAL DATA SHEET

KEIM POROSAN®-TRASS-ZEMENTPUTZ

1. PRODUCT DESCRIPTION

Hydraulically setting dry mortar based on cement, trass, frost-resistant dolomite sand and additives. Normal plaster mortar according to DIN EN 998-1. The strength corresponds to mortar category CS IV, P III according to DIN V 18 550. When used as an adhesive primer in the KEIM Restoration Render System in accordance with WTA data sheet 2-9-04/D, the application is carried out in a net shape with a surface coverage of up to 50 %.

2. FIELD OF APPLICATION

Use as an adhesive primer:

KEIM Porosan-Trass-Zementputz Used as an adhesive primer to create a secure bond between poorly absorbent masonry and e.g. KEIM Porosan-TrassSanierputz or KEIM Porosan-Ausgleichsputz.

Used as a full-surface basement wall, exterior or base plaster:

KEIM Porosan-Trass-Zementputz Is used over the entire surface in the subfloor area. Together with KEIM Porosan sealing slurry, it forms the vertical structural waterproofing for exterior and interior. KEIM Porosan-Trass-Zementputz can also be used as a full-surface base render up to 30 cm above the floor edge.

3. PRODUCT PROPERTIES

- excellent adhesion
- high frost resistance
- resistant to splashing water and moisture

MATERIAL CHARACTERISTICS:

- Maximum grain size: 5.0 mm

CLASSIFICATION:

- Water absorption class: W2
- Standard Water absorption: DIN EN 1015-18
- Thermal conductivity λ_{10} , dry, mat for P=50%: 0.82 W/(mK)
- Thermal conductivity λ_{10} , dry, mat for P=90%: 0.89 W/(mK)
- Thermal conductivity Table value according to: DIN EN 1745
- Water vapour diffusion resistance value (μ -value): ≤ 25
- Compressive strength category: CS IV ($\geq 6 \text{ N/mm}^2$)
- Standard compressive strength: DIN EN 1015-11
- Adhesive tensile strength: $\geq 0,08 \text{ N/mm}^2$
- Standard Adhesive tensile strength: DIN EN 1015-12
- Fracture pattern Adhesive tensile strength: A,B,C
- Classification according to: DIN EN 998-1
- Plaster type: GP

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COLOUR SHADES:

natural

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues and must not be too absorbent.

APPLICATION CONDITIONS:

Ambient and substrate temperature ≥ 5 °C during application and drying. Do not apply in direct sunlight or on sun-heated substrates. Protect surfaces from direct sun, wind and rain during and after application.

CONSUMPTION:

approx. 1,56 kg/m² per mm as full-cover plinth render.

approx. 5 kg/m² als halbdeckender Haftvorspritz

These material consumption values are guide values for smooth substrates. Exact consumption values must be determined by means of test areas.

APPLICATION:

As an adhesive primer: KEIM Porosan-Trass-Zementputz Mix with 4.3 L water per sack using a whisk, mortar mixer, standard plastering machine, etc. to form a workable adhesive primer. Apply by hand or machine in a net-like, semi-covering fashion. The masonry must still be clearly visible after application. Apply mixed spray mortar within 1 hour.

As full-surface basement wall, exterior or base plaster: KEIM Porosan-Trass-Zementputz Mix with approx. 3.6 l water per sack using a whisk, mortar mixer, standard plastering machine, etc. to a workable mortar plaster. Apply by hand or machine over the entire surface, tighten and structure after setting using very little water.

AFTERTREATMENT:

KEIM Porosan-Trass-Zementputz must be protected from drying out too quickly due to sun or wind, or kept moist if necessary.

SETTING TIME:

at least 1 day per mm render thickness (depending on temperature and relative humidity).

Adhesive primer:

1 - max. 2 days standing time. (In case of longer standing time or unfavourable conditions, sintered layers may occur which must be removed).

CLEANING OF TOOLS:

Clean tools, machines and mixers immediately after use with water. In hardened state only a mechanical removal is possible.

5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
25	kg	42	bag

6. STORAGE

max. storage time	Storage conditions
12 months	dry

7. DISPOSAL

For disposal information refer to section 13 of the safety data sheet.

Waste code: 17 01 01

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

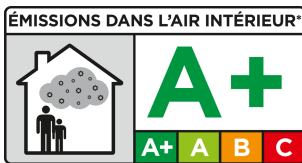
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9. GENERAL INFORMATION

Cover surfaces not to be treated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.

Mixing with products not part of the system or other foreign additives is not permitted.

10. CERTIFICATES & QUALITY SEALS



The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release the purchaser and processor from the obligation to convince themselves of the suitability of our products for the intended application with due care, which is general practice in trade and crafts. The general rules of construction technology must be observed. We reserve the right to make modifications to improve the product or its application. This edition supersedes all earlier editions.