



## TECHNICAL DATA SHEET

# KEIM TURADO

## 1. PRODUCT DESCRIPTION

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KEIM Turado is a universally applicable fibre-reinforced natural white renovation bonded plaster for interior and exterior use on a lime-cement basis. KEIM Turado Corresponds to mortar group GP CS II according to DIN EN 998-1.

## 2. FIELD OF APPLICATION

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KEIM Turado can be used universally on load-bearing mineral substrates and old plasters of mortar groups CS II, CS III and CS IV, synthetic resin-bonded paints and plasters indoors and outdoors. KEIM Turado is excellently suitable for covering and levelling load-bearing old plasters or paints in layer thicknesses up to approx. 12 mm; per layer as an embedding mortar for fabric reinforcement (e.g. with KEIM glass fibre mesh mat) and as an adhesive plaster on smooth concrete surfaces. KEIM Turado is particularly suitable for felting.

Not suitable:

plasto-elastic coatings; saponifiable existing substrates

## 3. PRODUCT PROPERTIES

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- very good stability
- universally applicable
- for interior and exterior use
- excellent application properties
- ideal felting behavior
- very good adhesion
- very high degree of whiteness
- permeable
- fire behaviour: non-flammable (A1)

### MATERIAL CHARACTERISTICS:

- Maximum grain size: 1.0 mm

### CLASSIFICATION:

- Plaster type: GP
- Compressive strength category: CS II 1,5 -5,0 N/mm<sup>2</sup>
- Standard compressive strength DIN EN 1015-11: DIN EN 1015-11
- Adhesive tensile strength:  $\geq 0,08$  N/mm<sup>2</sup>
- Fracture pattern Adhesive tensile strength: A B
- Standard Adhesive tensile strength DIN EN 1015-12: DIN EN 1015-12
- Water absorption class: W1
- Standard Water absorption DIN EN 1015-18: DIN EN 1015-18
- Water vapour diffusion resistance value ( $\mu$ -value):  $\leq 15$

### COLOUR SHADES:

very bright natural white

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues and must not be too absorbent. Separating substances, e.g. shuttering oil residues on concrete surfaces, must be removed by suitable means. Equalise strong unevenness with suitable material of the same type.

### APPLICATION CONDITIONS:

Ambient and substrate temperature  $\geq 5$  °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.

### PREPARATION OF MATERIAL / MIXING & CONVEYING:

Mix KEIM Turado with approx. 6.1 - 6.6 L (specification per bag) of clean water with a power stirrer to a stiff-plastic consistency without lumps and allow to mature briefly. Do not remix already stiffened material with water. Application can be performed by hand, via continuous mixer or rendering machine.

### CONSUMPTION:

approx. 1,35 kg/m<sup>2</sup> per mm

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

### APPLICATION:

Apply mixed KEIM Turado quickly with suitable tools in uniform layer thickness.

### LAYERING SYSTEM:

Application in one or several layers, min. 3 mm and max. 12 mm layer thickness per layer.

### REINFORCEMENT:

Apply KEIM Turado evenly. Embed KEIM Glasfaser-Gittermatte (mesh), overlap 10 cm at the joints and overcoat wet-in-wet with KEIM Turado. Necessary cuts into the mesh are to be covered with an additional fabric strip. The system-specific KEIM Glasfaser-Gittermatte (mesh) should be placed in the upper third and fully embedded. In the corner area of building openings, additionally embed a KEIM Diagonalarmierung.

### TOP RENDER:

When using KEIM Turado as finishing plaster, the surface can be felted with a sponge board after sufficient consolidation. Free texturing or washing is also possible.

### AFTERTREATMENT:

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

### FINISHING:

Allow to stand before applying a coat.

### SETTING TIME:

at least 1 day per mm render thickness (depending on temperature and relative humidity). When used as top coat render, allow to set for at least 5 days before coating. (If the standard rule of 1 day per mm results in longer setting times due to the layer thickness, the longer setting time must then be observed before painting).

### CLEANING OF TOOLS:

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

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### 5. PACKAGING

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

### 6. STORAGE

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max. storage time	Storage conditions
12 months	dry

### 7. DISPOSAL

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

Waste code: 17 01 01

### 8. SAFETY INSTRUCTIONS

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Please, refer to the Material Safety Data Sheet.

### 9. GENERAL INFORMATION

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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.

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.

