



## TECHNICAL DATA SHEET

# KEIM TURADO

## 1. PRODUCT DESCRIPTION

KEIM Turado is a universal, fibre-reinforced, natural white renovation render for interior and exterior use. KEIM Turado complies with mortar group GP CS II according to DIN EN 998-1.

## 2. FIELD OF APPLICATION

KEIM Turado is very versatile and can be applied to sound, mineral substrates and existing renders of mortar group CS II, CS III and CS IV, synthetic resin bound coatings and renders in interior and exterior spaces.

KEIM Turado is very well suited to coat and equalise sound existing renders or coatings in layer thicknesses of up to approx. 12 mm, as embedding mortar for fabric reinforcements (e.g. glass fibre mesh) and also as adhesive mortar on smooth concrete surfaces.

KEIM Turado is especially suited to be rubbed or felt-floated. Not suitable are plasto-elastic and saponifiable substrates.

## 3. PRODUCT PROPERTIES

- High degree of whiteness
- Optimised for felt-floating
- Excellent stability
- Low-tension setting
- Fibre-reinforced

### Material characteristics

- Compressive strength: CS II (approx. 4 N/mm<sup>2</sup>)
- Grain size: approx. 1.0 mm
- Colour shade: natural white
- Capillary water absorption: W1 (to EN 998-1)

## 4. APPLICATION INSTRUCTIONS

### Substrate preparation

Test substrate for load carrying capacity. Remove loose parts and old coats mechanically or with a water pressure jet. Adhesion-impairing substances such as shuttering oil remnants on concrete surfaces must be removed. Strong surface irregularities must be first levelled with KEIM Turado.

### Application

Mix KEIM Turado (25 kg) and approx. 6.1 – 6.6 lt of clean water with a blunger to a lump-free, stiff-plastic consistency and let mature for a short while. Application time is approx. 90 minutes, depending on the weather. Already stiffened material must not be mixed with water again. Application can be performed by hand, continuous mixer or render machine.

KEIM Turado can be applied as a single application up to 12mm in thickness, or in multiple layers for greater depth (up to a maximum of 24mm).

### Single application up to 12mm

In a single application KEIM Turado should be applied to a maximum depth of 12mm. The composition of this application should be an initial coat of material between 3 – 9mm (depending on depth required), followed by KEIM Glassfibre Reinforcing Mesh and a 3mm minimum finishing application applied wet-on-wet on top of the mesh.

### Multiple application, thickness above 12mm

In multiple applications KEIM Turado should be applied to a maximum depth of 24mm. The composition of this application should be an initial coat of material between 3 – 12mm.(depending on requirements) This should then be left for a drying period of 1 mm per day before further materials are applied.

A further layer of materials should then be applied, between 3 – 9mm thickness, and finished 3mm before the final required depth. KEIM Glassfibre Reinforcing Mesh should then be embedded and a 3mm minimum finishing application applied wet-on-wet on top of the mesh. Finish off using a sponge or felt float.

Finish off using a float appropriate to the required surface finish (i.e. sponge faced float such as KEIM Hydro Sponge Float).

### Application conditions

Ambient and substrate temperature above 5°C and below 30°C. Do not apply in direct sunlight or onto sun-heated surfaces, nor if it is raining or if there is an immediate likelihood of rain.

### Setting Time

1 day per 1mm render layer thickness.

### Subsequent Finishing

KEIM Universal Render is suitable for decoration with all exterior and interior KEIM Mineral Paint systems after a minimum period of 10 days.

### Consumption

Approximately 1.35kg/m<sup>2</sup> per 1mm render layer thickness.

The stated consumption values are for guidance and depend on the nature of the substrate and the application method. Exact consumption values can only be determined by trials on the substrate.

### Cleaning of tools

Clean immediately after use with water.

## 5. PACKAGING

25kg sacks

## 6. STORAGE

Shelf life is approx. 12 months if kept dry, cool, but frost-free in tightly closed containers. Protect from moisture.

## 7. DISPOSAL

EC Waste Code No. 17 01 01.

After contact with water and after hardening the product can be disposed of as building rubble.

## 8. SAFETY INSTRUCTIONS

GISCODE: ZP 1

Lime and cement act alkaline in combination with water. Provide appropriate protection for surfaces which are not to be coated (e.g. glass, natural stone, ceramics etc.). Protect the eyes and skin from splashes. Do not eat or drink while working. Keep out of reach of children.

Please, refer to the EC Material Safety Data Sheet

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 those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.

