

FOR PERFORMING THE WOOD/BOARD EFFECT

KOMBI DECOR PRINT

Mineral decorative mortar for decorative effects / wood imitation effects/



MAIN ADVANTAGES

- High decorative qualities of the render imitating the wood/board effect
- A clear structure of the impressed mould
- Easy to apply and impressing the mould
- After applying finishing coatings, it is resistant to external conditions
- It can be used both on the facade and inside of building
- Contains cellulose fibers

AREAS OF APPLICATIONS

Dry, mineral mortar intended for performing decorative effect of the wood/board structure, outside and inside buildings, including the **KABE THERM RENO**[®] EWI system. It makes it possible to obtain an attractive top coat texture by impressing the silicone mould. For use on mineral substrates and substrates covered with a well-bonded plastic-based coating. Note: Protective and decorative properties are obtained after repainting with **AKRYLATEX** / **PROLATEX** base paint and **LAZUR Z/W** lazure paint.

TECHNICAL SPECIFICATION

Base binder: hydraulic binders.

Colours: white.

Mixing ratio with water: ca. 5.0 l for 25 kg of dry mortar.

Temperature of application (air and substrate): from +5°C to +25°C. Avoid working on surfaces exposed to direct sunlight, in strong winds or at a high air humidity.

Relative humidity: <75%;

Approximate consumption: ca. 4.5 - 5.0 kg/m²

Mortar type according to PN-EN 998-1: GP (general purpose).

Compressive strength: cat CS IV

Adhesion to the substrate: ≥ 1.0 N/mm², FP:A

Water absorption: cat W2

Durability after "freezing-defrosting" cycles:

- no loss mass of samples

- decrease in durability on strength

- decrease in compressive strength

< 6%

< 4%

Water vapour permeability coefficient μ:

approx. 29.8

Reaction to fire: class A1

Packaging: Single-use paper packaging of 25 kg of the product.

Storage: The product should be stored in its original sealed packaging, in a dry room, and should be protected from moisture and frost. The product must be kept out of the reach of children. If necessary, seek medical advice, show the container or label.

Shelf life: 12 months from the date of production stated on the product packaging, in the original closed packaging.

APPLICATION METHOD

SUBSTRATE PREPARATION: sound/stable, degreased, even and dry and biological or chemical efflorescence free. Fresh mineral substrates to be cured for min. 4 weeks. Mould and/or fungal growth place: clean by mechanical means, rinse with water and disinfect with **ALGIZID**. Any layers not bound with the substrate (i.e. loose renders or flaked coatings) should be removed. Uneven areas or holes in substrate: small, up to 5 mm – smoothen the whole surface with **KOMBI** base coat. Larger defects prior to smoothening should be filled before levelling with levelling compound. Seasoning time min. 4 days. Before applying **KOMBI DECOR PRINT** mortar in the **KABE THERM RENO** EWI system, the coats of the system should be made in accordance with the technology of the complex thermal insulation system of external walls of buildings - ETICS.

PRIMING: Prime with **PERMURO GT** 24 hours before applying mortar. **Note:** In the case of application on very absorbent substrates such as gypsum plasters, it is necessary to prime with **BUDOGRUNT WG** first, and then after a minimum of 2 hours with **PERMURO GT** primer.

PRODUCT PREPARATION: Pour the contents of the packaging into a container with a measured amount of clean and cold water (ca. 5 l per 25 kg of mortar) and thoroughly continuously mix (with a low-speed mixer / drill) until homogeneous mixture is obtained. After waiting for 5 minutes and remixing, the mortar is ready for use. Usable time for applying ready-to-use mortar is ca. 2 hours (at a temperature of +20°C and relative humidity 55%)

APPLICATION: uniform layer, with thickness for applying about 4 mm using a steel trowel held at angle, then treat with a notched trowel (notch size 10÷12 mm) at an angle and uniform the layer thickness and smooth.

STRUCTURE IMPRESS: impress evenly a silicone mould in the applied layer pressing with a wallpaper roller. **Note:** Before each impress the silicone mould should be coated with anti-adhesion agent **KABE DP2** from the side being impressed.

DRYING: about 3 days (at a temperature of +20°C and relative humidity 55%). Until hardening protect top coat against atmospheric precipitation and moisture condensation. **Note:** Low temperature and high humidity can significantly extend the drying period. After pre-setting, the impressed mass is easily processed by grinding or scraping.

DECORATIVE PROTECTIVE COATING: After the render has dried in some places (for example in places of connections) sand the surface with sandpaper. On the dried and dedusted surface apply a primer **BUDOGRUNT ZG/WG**, one layer of **AKRYLATEX** base paint (on the facade) or **PROLATEX** (inside) and after it has dried (after about 3 hours), apply one or more layers of the **LAZUR Z/W** lazure paint (depending on the expected decorative effect).

USEFUL HINTS: A single batch product should be used on a single application / architectural element. Wet on wet method should be used. The surface should be protected during work and immediately after end of the work against excessive drying and precipitation. It is recommended to make a test in the case of atypical substrates. All tools should be cleaned with water after work is completed.

* If a product of EWI system is used, the manufacturer provides a guarantee only when all **KABE THERM RENO** system components are applied.