

MOSAIC

MARMURIT

Mosaic render



MAIN ADVANTAGES

- High impact resistance
- Very high flexibility
- Easy to keep clean
- High decorative value
- Contains UV absorbers

AREAS OF APPLICATIONS

It is used for the application of thin top coats outside and inside buildings, including **KABE THERM MARMURIT/MOZAIKER*** EWI system based on EPS. It is especially recommended for the decorative finishing of walls in rooms of heavy traffic (such as staircases, entrance halls, corridors and passageways) as well as architectural elements to be found on the facades of buildings (such as pedestals, pilasters, cornices). To be applied on mineral substrates (i.e. concrete, cement render, cement-lime render) and on substrates covered with well set polymer-based coatings. Before applying the render the substrate has to be primed with **MARMURIT GT**, while absorbent substrates also with **BUDOGRUNT ZG / BUDOGRUNT WG**. **Note:** Because of the product specificity, it is not recommended for applying on surfaces exposed to long-term and direct exposure to water and precipitation such as on swimming pools, wading pools or uncovered fencing walls.

TECHNICAL SPECIFICATION

Base binder: acrylic binder;
Colours: colour blends per KABE collection;
Textures: solid/grained;
Grain size: 1.0 mm and 1.5 mm;
Temperature of application (air and substrate): from +5°C to +25°C;
Relative humidity: ≤75%;
Vapour permeability: $S_v=0.61$ m (cat. V2)
Water absorption: $w=0.05$ kg/m²·h^{0.5} (cat. W3)
Packaging: Single-use plastic packaging of 15 kg.

Storage: The product should be stored in its original sealed packaging in a cool frost-protected room. Opened packaging should be tightly closed and used as quickly as possible.

Shelf life: Originally sealed products have a 18-month shelf life from the date of production (this is printed on the side of the packaging).

Minimal coverage (kg/m²):

Texture	Grain size (mm)	
		1.0
SOLID/GRAINED	2.5	4.0

APPLICATION METHOD

SUBSTRATE PREPARATION: Apply to a sound/stable and clean substrate (without cracks and delaminations), degreased, even and dry, and biological or chemical efflorescence free. In case of algae/fungi growth, the substrate should be cleaned mechanically and then wash with water and disinfect with **ALGIZID**. Any loose layers not bound to the substrate (i.e. loose render or flaked coatings) should be removed. Old and/or dirty substrates should be washed off and degreased with water and **CLEANFORCE** cleaning agent. If there is any large unevenness to the substrate (from 5 to 15 mm), use levelling compound and then apply the whole surface with **KOMBI** or **KOMBI HYDRO STOP** base coat. Minor unevenness (up to 5 mm) can be levelled out at once and smoothed with **KOMBI** or **KOMBI HYDRO STOP** base coat. Absorbent substrates should be primed with **BUDOGRUNT ZG / BUDOGRUNT WG** before levelling compounds application. Fresh concrete substrates, cement renders and cement-lime renders may be rendered only after a 4 weeks of curing, plasters after 2 weeks, while drywall systems directly after grinding and dedusting. Prior to using render in **KABE THERM MARMURIT/MOZAIKER** EWI system, all coats of EWI system should be applied in accordance with the requirements for external thermal insulation composite system (ETICS). The mosaic render can be applied onto a primed surface only when reinforcing coat is completely dry, i.e. after 3÷4 days under normal conditions.

PRIMING: On the substrates which feature high absorbency, it is necessary to apply **BUDOGRUNT ZG** primer (outside) or **BUDOGRUNT WG** primer (inside) prior to application.

PRODUCT PREPARATION: The packaging contains a ready-to-use product. Before application, the product should be thoroughly mixed with a low-speed mixer fitted with a basket stirrer until a smooth, homogenous consistency is obtained. Further mixing is not recommended as it may result in durable deterioration of the product aesthetics.

APPLICATION METHOD: Mosaic render should be applied on the substrate (from the bottom to the top) in the form of a thin levelled layer with the use of a stainless steel trowel. Using a stainless steel trowel, the product applied on the substrate should be gently levelled. The layer applied to be even and cover the substrate completely without any hollows or bulges. **Note:** It is not allowed to rub the product applied on the substrate. If the applied layer of render is too thin, it may lead to formation of cracks on the surface what has a negative impact on its aesthetics and durability.

DRYING: Typical drying time ca. 24 h (20°C, 55% RH). **Note:** Drying time may be longer, even up to a few days due to low temperatures and high relative humidity. To assist the drying of the finish coat, the surface should be protected against precipitation and condensation. After render application, the rooms should be ventilated for the period of 2 weeks; only after the end of the period they may be fully used.

USEFUL HINTS: The final effect may depend on the substrate type. For non-uniform substrates, it is recommended to apply at first the whole surface with **KOMBI** or **KOMBI HYDRO STOP** base coat. To avoid colour differences, a single batch product should be used on a single application / architectural element. 'Wet on wet' method should be used. All tools should be cleaned with water after work is completed. To be applied on dry days at temperatures between 5-25°C. Avoid applying in direct sunlight or during strong winds. To protect the fresh top coat against inclement weather conditions, scaffolding should be covered with a protective netting or tarpaulins.

* if a product of EWI system is used, the manufacturer provides a guarantee only when the whole **KABE THERM MARMURIT/MOZAIKER** system is implemented.