

## Mineral/polymer Plaster Termo Organika TO-TM

- very good adhesiveness
- high durability
- very good working properties
- structure: fleece or pitted
- white
- hydrophobic
- vapour permeable
- resistant to weather conditions
- resistant to UV radiation
- resistant to biological corrosion
- for inside and outside use

### Application

TO-TM mineral/polymer plaster is part of the Termo Organika® thermal insulation system. It can also be used for making thin-layer plaster coating on mineral base surfaces, e.g. concrete, old cement, cement/lime, etc., and also on other surfaces, e.g. plasterboards, etc.

### Preparation of the Surface

Every surface must be compact, smooth, load-bearing, dry, clean and without any film (grease, dust, etc.) which would reduce adhesiveness. Apply TO-TM mineral/polymer plaster to a reinforced layer of TO-KU universal adhesive which has been treated with TO-GS contact primer. The reinforced layer can be primed after at least 3 days after it is made. Apply the plaster after the primer is completely bonded with the surface, no earlier, however, than approx. 24 hours after the priming has been completed (in adverse conditions, this duration may be extended).

Clean and level old "loose" plaster, peeling paint and other dirt before applying TO-TM mineral/polymer plaster to other surfaces. Minor uneven spots and cavities may be repaired with TO-KU universal adhesive. TO-TM mineral/polymer plaster can be applied on concrete, cement or cement/lime plaster surfaces after approx. 28 days. Before applying TO-TM mineral/polymer plaster, treat absorbent surfaces (e.g. aerated concrete) with TO-GU universal primer, and non-absorbent and/or smooth surfaces (e.g. concrete, reinforced concrete) with TO-GS contact primer.

Do the priming at least 24 hours before starting the plastering.

### Instructions for Use

Pour the bag content into a vessel with the recommended quantity of water and mix for 3-5 minutes with a low-speed electrical mixer until smooth paste-like consistency is achieved. Put aside the plaster for approx. 2-3 minutes and mix again. Do not add more water than the specified quantity. Prepare portions which will be used within approx. 2 hours. Stir the plaster which has thickened in the meantime without adding water.

Apply the plaster on the surface with a steel trowel to the grain thickness. The required structure is obtained by rubbing in the layer applied with a plastic trowel. In order to eliminate traces of joints, it is necessary to apply separate architectural elements in one working cycle by means of so-called "wet on wet" method, retaining uniform consistency of the plaster of the same date of manufacture. In order to avoid visible differences in the successive cycles of applying the plaster on one surface, use plaster of the same manufacturing batch and the same consistency. Do not sprinkle the plaster with water.

Protect the applied plaster against direct exposure to sunlight, rain and wind by applying protective sheeting on the scaffolding.

Do not use rusted or dirty tools. Rinse off fresh smudges with water. After it hardens, the plaster can only be removed mechanically.

Do not mix the plaster with cement, lime, sand, other plasters, mortars and chemical additives.

During the work and while the plaster is drying, the temperature of the surface and the environment should be between +5°C and +30°C.

The plaster can be painted with Termo Organika paints: silicone TO-FS or polysilicate TO-FP, at the earliest three days after the plastering work has been completed.

## Safety of Use

The product contains cement and, after mixing with water, it creates an alkaline reaction. Do not inhale the dusts and avoid being splashed with the mortar. In case of contact of the product with eyes or skin, rinse them with plenty of water and consult a doctor, wash the skin with water and soap. Keep away from children.

During work, wear protective clothing and eye protectors

## Note

In addition to the above recommendations, follow good building practice and work-safety rules. The manufacturer warrants the quality of the product but has no influence on the manner, place and conditions of its storage and application. Building work should be done by professionally qualified contractors.

## Technical Data

- Adhesiveness to surface:  
≥ 0.1 MPa
- Temperature of application and of the surface:  
+5°C ÷ +30°C
- Quantity of water:  
as per packaging.
- To be used:  
within up to 2 hours.
- Estimated consumption:

Grain size	Consumption (kg/m <sup>2</sup> )	
	Fleece	Pitted
1.5 mm	2.3 – 2.8	2.3 – 2.8
2.0 mm	2.8 – 3.3	2.8 – 3.3
3.0 mm	4.2 – 4.7	4.2 – 4.7

- Storage:  
24 months from date of manufacture, in original, sealed packaging, on pallets, in dry conditions.