

# TECHNICAL DATA SHEET

## DECORA



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### Decorative mosaic plaster

*Ready-to-use mosaic acryl-polymer mixture for protective and decorative coating on exterior and interior surfaces*

#### PURPOSE

**DECORA** is ready-to-use finishing coat, based on acrylic dispersion with added coloured marble and granite stones and preservatives. The product is used for making fine protective and decorative coating for facades and interior premises. This plaster is particularly suitable for making protective coatings in areas exposed on great mechanical loading, like socles, fences, inner columns, etc. It creates colourful waterproofed surface.

The product provides a possibility for an extremely wide variety of architectural solutions for facades and individual facade elements with a wide range of 90 different colours.

#### PROPERTIES

- ❖ ready-to-use
- ❖ vapour-permeable
- ❖ water-repellent
- ❖ resistant to different weather conditions
- ❖ UV-resistant
- ❖ great mechanical strength

#### PREPARATION OF THE BASE

The base must be dry, strong and free of grease, dust and cracks. The surfaces should be smooth and free of holes. If necessary, separate uneven elements of the facade should be filled with rough coating.

In case of repairing facade surfaces, unstable areas should be removed and the areas with old paint and grease spots should be carefully washed. Repaired sections must have the same strength and bearing capacity as the old base before priming. Base processing with the primer **TERAZID G-33** before applying the plaster is required.



#### CHARACTERISTICS AND TECHNICAL DATA

- Colour: according to catalogue;
  - Type: homogeneous granular mass;
  - Density: 1910 kg/m<sup>3</sup>;
  - Resistance of vapour passing:  $\mu = 205$ ;
  - Minimal temperature of film formation: +5°C;
  - Resistance of rain: after 24 hours'
- \* (at normal weather conditions – temperature of 20 °C and air humidity – 50 %)*
- Bond strength with concrete after 7 days: 1,40 MPa;

#### APPLICATION AND PROCESSING

The application of the mosaic plaster **DECORA** should start at least 24 hours after priming the base with **TERAZID G-33**. When applied on large areas, the content of 2-3 buckets of **DECORA** should be mixed in a bigger container.

Before the application begins, the content in the bucket should be stirred with the help of a mechanic mixer. Rusty tools are not allowed to use.

If it is necessary, the plaster can be diluted with water but not more than 100 ml per 10 kg of plaster and the mixture is being stirred again.

The thickness of the coating is defined by the marble grains which are manually applied with the help of a plastic mortarboard.

When applying the material, its thickness is being aligned of about 1.5 times the size of the stones in the plaster. It takes about 10 minutes after that for becoming completely smooth as the stones are getting maximally tight to one another /without any pores/ for achieving the desired final effect. If it is necessary, the process of smoothing is repeated a few times.



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It is recommended to work in one surface (area), without interruption. No unfinished surfaces should be left after finishing work. When applying on contiguous areas with different colours, they must be separated with a paper tape, due to protect the already applied plaster from being stained.

Before starting of priming and applying the plaster, it is recommended to cover the parts, which are not going to be plastered. **DECORA** should not be applied under direct sunlight or strong air drafts.

### CONSUMPTION

- 4 - 4,5 kg/m<sup>2</sup>

### TOOLS FOR WORK

- mechanical mixer
- stainless trowel
- plastic mortarboard
- brush

### WEATHER CONDITIONS AT WORK

The minimum 24-hour temperature of the base should not be less than +5°C, and the maximum – not higher than +40°C. The product should not be applied when there is rain or when the forecast is for rain, as well as under direct sunlight and strong wind.

### FORM OF DELIVERY

Paste in a plastic bucket of 10 kg and 25 kg.

### NOTES

Characteristics and technical data of the product, pointed out into this Technical Data Sheet are defined at a standard temperature (20°C) and relative humidity (50%).



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In other weather conditions, the technological time for some of the processes, mentioned above, could be shorter or longer.


The information of the product is based on the practical experience of the manufacturer and the technical tests in specialized laboratories.

Do not mix with other building materials.

All hazards and precautionary statements about **DECORA** can be checked in the Safety Data Sheet of the product.

### STORAGE

12 months into the originally sealed package in a dry store, without danger of freezing.

	
<b>TERAZID Ltd.</b> 5 "5004" Str. Gara Iskar, Sofia, Bulgaria	
BDS EN 15824 NB 1950 DoP № 20130709-03-D <b>DECORA</b> <i>Mosaic acryl-polymer finishing coat</i>	
<b>Reaction to fire</b>	A2 – s1, d0
<b>Density</b>	1910 kg/m <sup>3</sup>
<b>Adhesion with the base</b>	0.3 MPa
<b>Coefficient of water vapour transmission</b>	65 g/m <sup>2</sup> .d V <sub>2</sub>
<b>pH at 20°C</b>	7.8
<b>Coefficient of capillary absorption of water - c</b>	2.65 kg/m <sup>2</sup> .h <sup>0,5</sup> class W <sub>2</sub>
<b>Content of volatile organic compounds /VOC/</b>	< 40 g/l

*The manufacturer recommends checking the suitability of the product in the Technical Data Sheet. The same is responsible for the product quality, but not for the ways and conditions of its applying.*

*The information into the present Technical Data Sheet is reliable but only if the product is used under stated conditions. The responsibility of any other usage of the product, including its usage in a combination with any other product or a process, is borne by the user.*

