

TECHNICAL DATA SHEET

WOOD DECOR



ADHESIVES • PLASTERS • THERMAL INSULATION

Decorative finishing plaster with wooden effect

White cement-based mixture for making fine protective and decorative coatings

PURPOSE

WOOD DECOR is a dry mixture on the base of white cement, with added mineral fillers with selected grain size and polymer additives. It is designed to create fine decorative finishing coats, resembling wood facings with wide variety of colours and structures. It is suitable for both, outdoor and indoor walls and ceilings.

When it is applied on facades, the product ensures protection from beating rain and the atmospheric moisture, perfect vapour permeability, as well as solid crack- and light-resistance.

WOOD DECOR provides a possibility for wide variety of architectural solutions for facades and individual facade elements. The rich variety of the final effect - wood facing, is obtained due to the different colours of the impregnator **G-1000**.

PROPERTIES

- ❖ resembles wood facing with different colours
- ❖ vapour-permeable
- ❖ restraint to moisture
- ❖ high strength characteristics
- ❖ resistant to different weather conditions

PREPARATION OF THE BASE

WOOD DECOR has an excellent adhesion to cement bases, lime-cement and gypsum plasters, gypsum boards and fibreboards, chipboard, etc. The base must be dry, strong, and free of grease, dust and cracks.

Before applying the plaster, the base should be primed with the universal primer for plasters **TERAZID-G-33**. In such a way the water absorption capacity of the base is reduced and the normal drying of the decorative layer of plasters is ensured. The primer guarantees a base free of dust and increases the adhesion of the final layer.



CHARACTERISTICS AND TECHNICAL DATA

- | | |
|-------------------------------------------------------------|--------------------------|
| ▪ Colour: | white; |
| ▪ Base: | cement; |
| ▪ Bulk density: | 1500 kg/m ³ ; |
| ▪ Work temperature: | +5°C to +25°C; |
| ▪ Time for 'maturing': | 8-10 minutes; |
| ▪ Time for bucket stay: | about 2 hours; |
| ▪ Open time (for work): | 40 minutes; |
| ▪ Coefficient of penetration of the water vapours: | μ = 20; |
| ▪ Coefficient of thermal conductivity λ _{10,dry} : | 0,57 W/m.K; |
| ▪ Adhesion strength: | 1,9 N/mm ² ; |
| ▪ Compressive strength: | 3,5 N/mm ² ; |

APPLICATION AND PROCESSING

For the complete dissolution of 25 kg of **WOOD DECOR** around 5,0 litres of water are required. Into a preliminary prepared container with water, the necessary amount of dry mixture is gradually poured and stirred with mechanical mixer, until a homogeneous mass is achieved. Thus, the stirred mixture is left to stay for 8-10 minutes so that it gets "mature", after that it is stirred once again and it is ready for work.

The application of **WOOD DECOR** can start when at least 24 hours after priming with **TERAZID-G-33** have passed. The plaster is evenly applied with the help of a mortar-board, with a layer thickness of at least 4 mm. The structure, resembling wood, is obtained with the help of a special silicone stamp, which is carefully pressed to the freshly applied plaster. The final decorative effect of the wood facing with different colours of wood, is obtained with the help of the impregnator **WOOD DECOR G-1000**. Painting of the plaster can start not earlier than 72 hours after its application.

CONSUMPTION

- Approximately 6 kg/m²



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TOOLS FOR WORK

- bucket
- electrical drill and stirrer
- mortar-board
- trowel
- silicone matrix
- roller-brush

WEATHER CONDITIONS AT WORK

The minimum twenty-four-hour temperature of the air and the base should not be less than +5°C, and the maximum – not higher than +25°C. It should not be applied when the temperatures are low, when there is rain or in direct sunlight and strong wind.

FORM OF DELIVERY

Dry mixture in paper packages of 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%). 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 **WOOD DECOR** can be checked in the Safety Data Sheet of the product.

STORAGE

12 months into the originally sealed packages, in a dry and ventilated place. It is recommended to be stored on pallets.

	
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EN 998-1:2010 NB 1950 DoP № 20150828-D WOOD DECOR <i>Decorative cement-based plaster with wooden effect</i>	
Reaction to fire	A1
Bulk density	1500 kg/m ³
Compressive strength	3.5 N/mm ²
Flexural strength	1.9 N/mm ²
Bond strength	1.9 N/mm ²
Coefficient of capillary absorption of water - c	0.09 kg/m ² .min ^{0,5}
Coefficient of heat transmission $\lambda_{10,dry}$	0.57 W/m.K

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.

