

# TECHNICAL DATA SHEET

## TERAZID G-33



ADHESIVES • PLASTERS • THERMAL INSULATION

### Universal primer for decorative facade plasters

*High quality penetrating primer for polymer,  
silicate and silicone facade plasters*

#### PURPOSE

**TERAZID G-33** is ready-to-use primer on the base of acrylic dispersion with added fillers. The primer is used for preparation of the base before applying different types of facade plasters. The product keeps the 'breathing' ability of the surface, providing excellent vapour permeability, equalizing the water absorption over the working area, ensuring free of dust base and improving the adhesion with different types of decorative coatings. The final effect of white or coloured film after the drying of the primer, defines its application as a base for structural plasters with decorative 'dragged' or 'scratched' effect. The original white colour of **TERAZID G-33** gives a good opportunity for toning the primer into the colour of the finishing coatings.

**TERAZID G-33** is component of the External Thermal Insulation Composite System **TERAZID BIO CLIMA**, approved with ETA – 13/0214.

#### PROPERTIES

- ❖ ready-to-use
- ❖ vapour-permeable
- ❖ water-repellent
- ❖ improves the adhesion with the base

#### 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. 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.

#### CHARACTERISTICS AND TECHNICAL DATA

- |                                       |                          |
|---------------------------------------|--------------------------|
| ▪ Colour:                             | according a catalogue;   |
| ▪ Base:                               | acrylic dispersion;      |
| ▪ Density:                            | 1290 kg/m <sup>3</sup> ; |
| ▪ Work temperature:                   | +5°C to +30°C            |
| ▪ Complete drying:                    | 4 hours;                 |
| ▪ Content of non-volatile substances: | 9.62 %                   |
| ▪ Adhesion with concrete:             | 1,05 N/mm <sup>2</sup> ; |



#### APPLICATION AND PROCESSING

The content should be well stirred before use with the help of a mechanical stirrer, without additional dilution. **TERAZID G-33** should be applied in one even layer, with smooth movements with the help of a painting roller or a brush. The subsequent operations should start at least 24 hours after the primer application.

#### CONSUMPTION

From 0.150 l/m<sup>2</sup> to 0.220 l/m<sup>2</sup> depending on the water absorption of the base and the roughness.

#### TOOLS FOR WORK

- electrical drill and stirrer
- roller-brush
- 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 +30°C. It should not be applied when there is rain or strong wind, or when the forecast is for rain, as well as in direct sunlight and strong wind.

#### FORM OF DELIVERY

Liquid in plastic packs of 1,4 kg, 5 kg and 20 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.



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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 **TERAZID G-33** can be checked in the Safety Data Sheet of the product.

### STORAGE

12 months into the originally sealed packages and a temperature from +5°C to +30°C. Protect from freezing and direct sunlight.

	
<b>TERAZID Ltd.</b> 5 "5004" Str. Gara Iskar, Sofia, Bulgaria	
ETAG 004 NB 1020 DoP № 20130709-56-D <b>TERAZID G-33</b>  <i>Universal primer for decorative finishing coats</i>	
Reaction to fire	Euroclass C
Density	1290 kg/m <sup>3</sup>
Adhesion with the base	1.05 N/mm <sup>2</sup>
Content of volatile organic compounds /VOC/	2.03 g/l < 30 g/l
pH at 20°C	7
Time for drying	4 h.

*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.*

