

# TECHNICAL DATA SHEET

## TERAZID GT-11



ADHESIVES • PLASTERS • THERMAL INSULATION

### One-component product in paste form for universal waterproofing

*Ready-to-use paste waterproofing mixture. The product is easy for application and is compatible with all adhesives for ceramic coatings, produced by TERAZID*



### PURPOSE

**TERAZID GT-11** is designed for waterproofing of all the elements of the building - vertical and horizontal, with the exception of flat roofs, exposed to direct sunlight, providing in such a way the elastic waterproofing coating (without joints). It is applied in different parts of inner rooms under ceramic coverings and facings (bathrooms, laundry and wet rooms, etc.), as well as for external elements (balconies, terraces, flat roofs, where people occasionally walk, etc.) The product is also used for insulation of bases and walls under the level of the ground, of domestic and industrial buildings, as a protection from the capillary damp and the high level of groundwater, as well as for insulation into decorative pools, flower gardens, etc.

### PROPERTIES

- ❖ ready-to-use
- ❖ easy for application
- ❖ elastic
- ❖ does not contain solvents

### PREPARATION OF THE BASE

The waterproofing product **TERAZID GT-11** covers well fine cracks and it has excellent adhesion towards the different building bases: concrete, cement-sand mortars, lime-cement plasters, asbestos cement sheets and others. The base should be flat enough, strong, dry, well-scoured and free of dust, sand, and other contaminants and separating layers. Application over deep cracks is not allowed. If there are any old paint coatings, they should be removed, and the loose bases should be cleaned and primed.

### CHARACTERISTICS AND TECHNICAL DATA

- Colour: grey;
- Consistency: in form of a paste (10s);
- Density: 1,65 gr/cm<sup>3</sup>;
- Work temperature: +5°C to +30°
- Complete drying: around 12 hours;
- Ready for covering with tiles: minimum after 12 hours when the final layer is applied;
- Minimum thickness of application: 3 mm;

### INSTRUCTIONS FOR APPLICATION AND PROCESSING

After opening the package, the product is stirred with a mechanical stirrer, and then **TERAZID GT-11** is ready to be used. It is applied without being diluted, with the help of a brush or a roller, on three-four layers which are perpendicularly alternated to one another. The time for applying every other layer is not less than 12 hours. It is recommended to use reinforcing fiberglass mesh between the layers of waterproofing. The minimum thickness for application is 3-4 mm. The inner corners and the joints are sealed when the first layer is implemented, and this is done by applying waterproofing tape, after that the other layers are applied. The application of the adhesive for ceramic tiles can start after the complete drying of the waterproofing, but not earlier than 12 hours. The insulating layer is a subject of painting with alkaline paints after its complete drying.

### CONSUMPTION

- From 1.5 to 3 kg/m<sup>2</sup> depending on the base.



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### TOOLS FOR WORK

- brush
- electrical drill and stirrer
- roller-brush
- trowel

### 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 is not recommended applying **TERAZID GT-11** at high level of air humidity, or when the forecast is for coming rain, or during a rain. It should be protected from dust for 1-2 hours. When applying the waterproofing on the concrete, it is desirable that this is done at least 15 days after its application (after its final drying).

### FORM OF DELIVERY

Paste in plastic buckets of 1,4 kg, 5 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%). 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 **TERAZID GT-11** can be checked in the Safety Data Sheet of the product.

### STORAGE

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

	
<b>TERAZID Ltd.</b> 5 “5004” Str. Gara Iskar, Sofia, Bulgaria	
BDS EN 14891 NB 1020 DoP № 20150316-01-D <b>TERAZID GT-11</b> <i>Ready-to-work one-component waterproofing</i>	
Density	1,65 gr/cm <sup>3</sup>
Adhesion with concrete base	1,17 N/mm <sup>2</sup>
Waterproofing under pressure - 150 kPa	waterproof
Bond strength after water immersion	0,70 N/mm <sup>2</sup>
Bond strength after freeze-thaw cycles	0,55 N/mm <sup>2</sup>
Ability of crack-bridging under standard conditions	0,95 mm

*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.*

