

TECHNICAL DATA SHEET

TERAZID GT-11



ADHESIVES • PLASTERS • THERMAL INSULATION

Universal paste-form waterproofing

Ready for work one-component waterproofing

PURPOSE

TERAZID GT-11 is a ready-to-use paste-form mixture for waterproofing of horizontal and vertical surfaces, except for those exposed to direct sunlight. The product creates an elastic waterproof seamless coating under ceramic floorings and facings in interior premises, such as bathrooms, water closets, wet rooms and more. **TERAZID GT-11** is also suitable for waterproofing of external elements, as long as it is applied over small areas and under the floorings of balconies and terraces. The product is compatible with all adhesives for ceramic coatings, produced by TERAZID.

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 such as concrete, cement-sand mortars, lime-cement plasters, asbestos cement sheets and others. The base should be flat enough, strong, dry 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 paste form (10s) |
| ■ Density: | 1,65 gr/cm ³ |
| ■ Work temperature: | +5°C to +30° |
| ■ Complete drying: | around 12 hours |
| ■ Ready for covering with tiles: | minimum 12 hours after the final layer is applied |
| ■ Minimum thickness of application | 2 mm |



APPLICATION AND PROCESSING

After opening the package, the product should be stirred with a mechanical mixer, and then **TERAZID GT-11** should be applied with a brush or roller in two-three layers, perpendicular to each other, with at least 12 hours drying time between each two. It is recommended to use reinforcing fiberglass mesh or polyester veil between the layers. When forming corners between two walls, or corners between walls and floors, use hydro-insulation tape. The minimum thickness of applying is 2 mm.

The application of tile adhesives can start after the complete drying of the waterproofing, but not earlier than 12 hours.

CONSUMPTION

- Around 2.5 kg/m² for two layers with 1 mm thickness each.

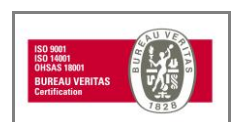
TOOLS FOR WORK

- 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).



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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 packages. Protect from freezing and direct sunlight.

	
TERAZID Ltd. 5 "5004" Str. Gara Iskar, Sofia, Bulgaria	
BDS EN 14891 NB 1950 DoP № 20150316-01-D TERAZID GT-11 <i>Universal paste-form waterproofing</i>	
Density	1.6 g/cm ³
Adhesion with concrete base	1,18 N/mm ²
Viscosity (Brookfield method)	3000 m.Pa.s
Waterproofing under pressure - 150 kPa	waterproof
Content of non-volatile compounds	75.23 %
Relative prolongation	120 %
Tensile bond strength after water immersion	0.96 N/mm ²
Tensile bond strength after freeze-thaw cycles	0.61 N/mm ²

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.

