

TECHNICAL DATA SHEET

FUGARID STANDARD



ADHESIVES • PLASTERS • THERMAL INSULATION

Cement-based mixture for joints

Dry cement base product for jointing of ceramic or stone tiles on floorings and facings (Class CG1)

PURPOSE

FUGARID STANDARD is a cement-based mixture for jointing of ceramic or stone tiles, on floorings and facings. The jointing mixture is manufactured in 52 colours, with guaranteed colour stability. The special additives and polymers guarantee, the water-repellence and frost resistance, as well as security against cracking, with width of the joints up to 5 mm. The characteristics of **FUGARID STANDARD** determine its application for:

- filling of joints up to 5 mm, on ceramic coverings and floorings in dry and wet rooms
- filling of joints up to 5 mm, on natural stone coverings and floorings
- filling of joints on outdoor terrace and facade coverings, after **LATEX 200** addition

PROPERTIES

- ❖ easy for application
- ❖ water resistant
- ❖ frost resistant
- ❖ cracks resistant
- ❖ wide range of colours

PREPARATION OF THE BASE

Before applying **FUGARID STANDARD** we must be sure that the tile adhesive has completely dried and hardened enough. The joints must be well cleaned and free of dust. Application over oil (grease) stains, dust and other contaminants is not allowed.

CHARACTERISTICS & TECHNICAL DATA

- | | |
|--------------------------------|-------------------------|
| ▪ Colour: | according the catalogue |
| ▪ Base: | cement; |
| ▪ Work temperature: | +5°C to +30°C |
| ▪ Time for 'maturing' | 5-10 minutes |
| ▪ Time for bucket stay: | 3 hours |
| ▪ Ready for walking: | after 24 hours |
| ▪ Maximum width of the joints: | 5 mm |
| ▪ Water absorption: | |
| - after 30 minutes | 1.2 g |
| - after 240 minutes | 5.3 g |



APPLICATION & PROCESSING

The dry material is gradually mixed with cold water in a preliminary prepared container, as it follows: 1 kg/0.320 ml H₂O (100 parts of dry mixture to 30-32 parts of water). This mixture is stirred with a mechanical mixer until a homogeneous mass is achieved. Thus, the stirred mixture is left to stay for about 5-10 minutes, after that it is stirred once again and it is ready for work. It is recommended, the solution for flooring to be thinner.

The ready jointing mass should be applied with a rubber putty-knife by spreading the material diagonally over the tiles until the joints between them are maximally filled. Corrections and additional fillings of the joints are possible only before the material is dried and hardened. Shaping the joint and cleaning the tile around it should be carefully done with a damp sponge, without touching the joint itself.

Possible stains and material left-overs over the tiles can be removed up to 3 hours after jointing, with the help of water and a sponge.

Exploitation of the floorings and facings can begin not earlier than 24 hours after jointing.

It is recommended to processed the already finished joints with the colourless silicone impregnator **TARAZID G-88**.

CONSUMPTION

- at 2 mm joint – about 150 g/m²
- at 3 mm joint – about 250 g/m²

TOOLS FOR WORK

- bucket
- electrical drill and stirrer
- rubber putty-knife
- sponge

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.

TECHNICAL DATA SHEET

FUGARID STANDARD



ADHESIVES • PLASTERS • THERMAL INSULATION

It is not recommended applying of **FUGARID STANDARD** at high level of air humidity, or when the forecast is for coming rain, or during a rain.

FORM OF DELIVERY

Dry mixture in plastic buckets of 1 kg and paper bags of 5 kg and 25 kg.

NOTES

For porous surfaces (non-glossy tiles or granite) a test sample with the material should be made.

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 **FUGARID STANDARD** can be checked in the Safety Data Sheet of the product.

STORAGE

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

TERAZID Ltd. 5 "5004" Str. Gara Iskar, Sofia, Bulgaria Test protocol № 1330/27.11.2008 NB 1950 DPCH № 20130709-39-D FUGARID STANDARD <i>Dry cement base product for jointing of ceramic or stone tiles on floorings and facings (Class CG1)</i>	
Reaction to fire	A1
Flexural strength after aging	3.6 N/mm ²
Compressive strength after aging	19.9 N/mm ²
Compressive strength after 25 freeze-thaw cycles	17.6 N/mm ²
Tensile bond strength after 25 freeze-thaw cycles	3.2 N/mm ²
High wear-resistance	770 mm ³
Reduced water absorption:	
- after 30 minutes	1.2 g
- after 240 minutes	5.3 g

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.