

GRIGOSTOP HD

Water-based single-component fluid waterproofing coating, ready to use, for interiors and exteriors, with high technology and rapid drying



Product description

AQUATUTOR® GRIGOSTOP HD is a ready-to-use waterproofing membrane, for indoor and outdoor use, made up of polymers in aqueous dispersion, additives and fillers. AQUATUTOR® GRIGOSTOP HD creates a waterproof film with good flexibility, water resistance and crack-bridging resistance.

Supply and storage

AQUATUTOR® GRIGOSTOP HD is supplied in 5 kg and 15 kg buckets. Storage 24 months in closed original packaging, in a dry place at +5°C to +30°C. Do not allow to freeze.

Support preparation

Plasters and screeds

1. check that the residual moisture is no more than 4% (carbide method);
2. remove any loose material and dust. Make sure there is no dirt, dust and paints, then wash with water;
3. wait for perfect surface drying;
4. when chalking is found on plasters and screeds, loose parts (such as old coatings) must be removed;
5. slope corrections or restorations must be made up with BASEFORTE® GRIGOFORMA 3_30, on floors and walls;
6. apply the first layer of AQUATUTOR® GRIGOSTOP HD;
7. after about 1-2 hours, depending on the climatic conditions, proceed with the application of the second layer of AQUATUTOR® GRIGOSTOP HD.

Concrete

1. to clean the surface to wash with water. Any cement laitance or crusting it must be mechanically removed;
2. holes or cleaving wider than 1 cm thick, must be restored using GALILEO UNI RR;
3. apply the first layer of AQUATUTOR® GRIGOSTOP HD;
4. after about 1-2 hours, depending on the climatic conditions, proceed with the application of the second layer of GRIGOSTOP HD.

Plasterboard Sheets

1. clean dust and prime the surface with BASEFORTE® PRIMER IDROX;
2. at complete drying proceed with the application of the first layer of AQUATUTOR® GRIGOSTOP HD;
3. after about 1-2 hours, depending on the climatic conditions, proceed with the application of the second layer of AQUATUTOR® GRIGOSTOP HD.

Application

AQUATUTOR® GRIGOSTOP HD is ready to use. The product can be applied by roller, brush or spatula in two layers of ca 700-800 g/m². Between 1st and 2nd layer wait about 1-2 hours, according to the climatic conditions. The drying speed is affected negatively from low temperature, from high relative humidity and low absorption of the support.

To clean the tools use water when the product is still fresh, or mechanical means when it has dried.

Fields of use

AQUATUTOR® GRIGOSTOP HD can be used as waterproofing on horizontal and vertical surfaces, in interiors and exteriors, before laying ceramic tiles. In particular, it is used such as bathrooms and showers, kitchens, etc ...

The laying supports on which it is possible to apply AQUATUTOR® GRIGOSTOP HD are:

- sand and cement screeds;
- anhydrite screeds;
- cementitious and lime based plasters;
- concrete;
- plasterboard;
- waterproofing of terraces, balconies, bathrooms, solar pavements, old membranes;
- foundation walls;
- converse and drainage rainwater channels;
- flat roofs, also walkable.

Coating application

After applying the second layer, AQUATUTOR® GRIGOSTOP HD can be covered with ceramic coating with the following waiting time:

- 3-4 hours - walls
- 12-24 hours - floors

depending on the thickness of application and weather conditions.

The speed of drying is negatively affected by low temperatures, high relative humidity content and poor substrate absorption. When the product can be walked on, proceed with the application of the coating (tiles, glass mosaic or natural stone) using GRIGOKOLL® ULTRAX, VELOX, MAX, or higher.



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Technical data according to the UNI EN 1504-02 Standard

bulk density, UNI 8310	1,45 ± 0,05 g/cm ³
maximum humidity of substrate (calcium carbide method) , UNI 10329	4%
application temperature	+5°C to +30°C
operating temperature	-20°C to +80°C
waiting time between 1st and 2nd layer	1-2 hours depending on the climatic conditions
waiting time for laying tiles	3-4 hours - walls 12-24 hours - floors
walkability	24-48 hours
impermeability to water, UNI 8202-21	no penetration at 0,10 bar
crack bridging ability, EN 14891	> 0,75 mm
Durability for traction adhesion, EN 14891:	
- after thermal aging	1,5 ± 0,3 N/mm ²
- after immersion in water	0,7 ± 0,1 N/mm ²
- after contact with lime water	1,1 ± 0,2 N/mm ²
- after freeze-thaw cycles	0,6 ± 0,1 N/mm ²
- after immersion in chlorinated water	1,0 ± 0,2 N/mm ²
CO2 permeability, EN 1062-6	Sd > 50 m
Water vapor permeability, EN ISO 7783 thickness ca 0,8 mm	Sd < 5 m (class I) μ ca 5000
Capillary absorption and water permeability, EN 1062-3	< 0,1 kg/(m ² h ^{0,5})
Adherence for direct traction, EN 1542	1,8 ± 0,3 N/mm ²

Disclaimers

Do not apply AQUATUTOR® GRIGOSTOP HD at temperatures below + 5°C or above +30 ° C, or that can go under +5°C in the next 24 hours. Avoid contact with hydrocarbons. For new supports, check the correct seasoning and the R.H. level. The product can be exposed or covered with tiles, marbles. Protect the application from the rain for the first 24 hrs.

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