Rajz d.o.o. Sarajevo
Garovci 13
71240 Hadžići
Bosna i Hercegovina

Technical sheet

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BT-Hidroprime DE 01

Acrylic dispersion for substrate impregnation

Field of application
It is intended for impregnation of the substrate before applying waterproofing.

Characteristics
- Easy to apply and dries quickly - High-quality impregnation of the substrate - Increases the adhesion of the waterproofing to the substrate

Composition
Emulsion of acrylate binder with additives.

Technical data

Packaging type	plastic canister
Quantity per package	1/1, 5/1
State of aggregation	liquid
Colour	white
pH value	8,33
Density density	1,05 g/cm^3

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Drying speed	first layer (2mm) – 29 min second layer – 1h 03 min	
Dry matter content (105 °C)	17,21 %	
Particle size	< 0,5 mm	BAS EN 1015-1/2004
Diffusion coefficient of water vapor conductivity	10,41 ng/Pa·s·m^2	BAS EN 12086/2006 G.S2.815
Consumption	~ 0,25 kg/m^2	
Note on consumption	The consumption values are indicative and very much depend on the type and previous preparation of the substrate as well as the installation technique.	

Processing conditions

During processing and drying, the ambient temperature, i.e. the substrate must not be below +5 °C and above +30 °C.

Preparation of the substrate

The substrate must be firm, dry, free of greasy stains and other impurities. Clean all worn and weakly attached parts from the old surfaces.

Preparation and installation of materials

The product is prepared by diluting it with water in the ratio BT-Hidroprime:water=1:2, and then mixed until completely homogenized.
The product is applied with a paint brush or roller, in one or two coats depending on the absorbency and type of substrate.
The drying time before applying the next layer is min. 4 hours. High air humidity and low temperatures slow down, while high temperatures accelerate the process of binding and drying the product.

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Cleaning tools

Immediately after completion of the work, hand tools should be washed with clean water. Hardened residues of liquid material should be disposed of as construction waste in accordance with legal regulations.

Handling of waste

Prevent uncontrolled discharge of material into drains and watercourses. Do not mix hardened residues with municipal waste, but dispose of them as construction waste in accordance with applicable local/regional legal provisions.

Protection at work

Follow general instructions and regulations on occupational safety during construction work.
When performing work, wear adequate work clothes that ensure that the material does not come into contact with the skin.
Hand protection: protective impermeable gloves.
Eye protection: safety glasses with side protection.
For more information, see the product safety data sheet.

Storage and transport conditions

Store in dry and well-ventilated areas. Do not expose to high temperatures (>25°C) or low temperatures (<0°C).
During transport, it is necessary to secure the product so that it does not move on the pallet, and that it is not directly affected by the sun and moisture.
Keep out of reach of children and away from food and drink.

Expiry date

Originally sealed and stored as recommended, the product has a shelf life of at least 12 months.

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Quality control

Testing and monitoring of product quality is carried out daily in the internal BT laboratory and periodically in authorized institutes and laboratories.

General notes

The technical instructions are based on our previous experience, with the aim of achieving optimal results when using the product.
The above data in themselves do not create any legal obligation and do not relieve the buyer of the responsibility to perform a prior test of the suitability of the material for a specific purpose.
If the contractor notices or suspects any functional or aesthetic defect in the product during the installation of the purchased material, he is obliged, in accordance with construction practice, to stop further installation of the product in order to minimize any potential damage. He is also obliged to immediately file a complaint with the manufacturer, who will process the complaint as soon as possible.
Damage caused by incorrect product selection, improper use (failure to follow the instructions specified in this technical sheet) or unprofessional work cannot be the subject of a complaint.

This data sheet supersedes all previous editions. We reserve the right to any subsequent changes and additions.