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

BAUTREND®

Technical sheet

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BT-Mal 200

Factory-prepared gypsum-based mortar.

Field of application
It is intended for manual and machine application on interior walls made of brick, blocks, aerated concrete blocks and concrete. It is used for interior surfaces in residential areas, as well as rooms with similar purposes, where the moisture load is minimal. The product is not intended for bathrooms or surfaces on which ceramics will be installed.

Characteristics
- Simple installation - Good adhesion - High generosity - Environmentally acceptable and safe product

Composition
Gypsum, hydrated lime, fillers and additives.

Technical data

Type of packaging	Paper bags
Quantity in one package	25 kg/unit
Unit per pallet	48 units/pallet
Aggregate condition	Tight
Color	Gray
Volumetric mass in bulk	approx. 1200 kg/m3

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Volumetric mass in a compacted state	approx. 1550 kg/m3
Class (BAS EN 13279-1:2010)	B2/50/2
Thermal conductivity λ (BAS EN 13279-1:2010)	0,43 W/Mk (table value)
Adhesion to the concrete substrate	≥ 0,1 MPa
Capillary absorption of water	0,1204 kg/m^2 · min^{0,5}
Compressive strength (28 days)	≥2 N/mm^2
Flexural strength (28 days)	≥1 N/mm^2
Granulometric analysis	0 – 1,4 mm
Consumption	10-12 kg/m^2/cm
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.
Required amount of water	26-30%

Processing conditions

During processing and drying, the ambient temperature, i.e. the substrate must not be below +5 °C and above +30 °C. During installation and drying, protect from freezing min. 7 days.

Preparation of the substrate

The substrate must be dry, solid, clean, free of dust, grease stains and other impurities that can prevent adhesion. Depending on the type of substrate, pay attention to the permitted amount of residual moisture (in concrete substrates, the moisture must be <3% as measured by the CM apparatus).

Preparation and installation of materials

Shake the contents of the bag BT-MAL 200 (25 Kg) in approximately 6.5-7.5 l of water and mix until a completely homogeneous mass in the form of a paste is achieved. The prepared mass is applied manually or mechanically. The mortar is applied in a layer thickness of min. 10mm, and max. 25mm. After application, level with a slat. After the start of hardening, rake or felt before installing the next layer. It is necessary to protect the mortar from drying out too quickly. Provide room ventilation in

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order to achieve optimal drying. The average drying time for a 10 mm thick layer is approx. 14 days depending on environmental conditions. Also during the drying and hardening phase, subsequent wetting of the mortar is not allowed.
Do not use mortar from already opened bags, old packages and do not mix with new material.
In the case of mechanical application, it is very important that when interrupting plastering, the mixture must not remain inside the hose of the machine for longer than 30 minutes.

Cleaning tools

Immediately after finishing the work, hand tools should be washed with clean water. Remove hardened material mechanically and dispose of it according to 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. Keep bags tightly closed in a horizontal position, on pallets, protected from moisture. Do not expose to high temperatures (>25°C) or low temperatures (<0°C). During transport, the product must be secured so that it does not move on the pallet and is not exposed to direct sunlight and moisture.

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Expiry date

Originally sealed and stored as recommended, the product has a shelf life of at least 6 months.

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, nor any additional obligations, 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 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.