

Technical sheet

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BT-GIPSOFLEX

Adhesive for gypsum plasterboards

**Field of application**

Gypsum-based adhesive intended for gluing plasterboard panels to wall surfaces.

Characteristics

- Good workability
- Good grip
- Ecological product based on gypsum

Composition

Gypsum, filler and additives

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Type of packaging	Paper bags	
Quantity in one package	20 kg/unit	
Unit per pallet	48 units/pallet	
Aggregate condition	Tight	
Color	Light gray	
Granulometric analysis	0-0,71 mm	BAS EN 1015-1:2004
Compressive strength (28 days)	≥ 2 N/mm ²	BAS EN 1015-11/A1:2008
Flexural strength (28 days)	≥ 1 N/mm ²	BAS EN 1015-11:2002
Volumetric mass in bulk	approx. 1100 kg/m ³	BAS EN 1015-10:2018
Volumetric mass in a compacted state	approx. 1600 kg/m ³	BAS EN 1015-10:2018
Adhesion to the concrete substrate	$\geq 0,1$ MPa	BAS EN 1015-12:2018

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Thermal conductivity λ (BAS EN 13279-1:2010)	0.39 W/m·K (table value)
Consumption	4-5 kg/m ² , application over the entire surface 2-3 kg/m ² , spot application
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	30 %

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 dry, solid, clean, absorbent, flat, unfrozen, free of dust, grease stains and other impurities that can prevent adhesion. Uneven surfaces must be leveled.

Substrates made of cement-lime mortar and concrete must be at least one month old.

Preparation and installation of materials

The preparation of the material is done by adding about 30% of water per kilogram of BT-Gipsoflex.

The product must be mixed until complete homogenization, until a fine, smooth mass in the form of a paste is obtained. Leave the mass to stand for 10 minutes, then stir once more.

The product is applied pointwise in the middle and on the edges of the plate. The boards must not be subsequently leveled after the glue starts to dry, as this causes the boards to become unstable, and the board may separate from the wall.

Already hardened material must not be used, nor can water be added afterwards.

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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.

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.