

Carbon-Abdichtspachtel

Highly elastic and carbon fibre reinforced 2-component adhesive and reinforcement compound for bonding thermal insulation boards and for reinforcing and sealing in the area of plinth/base and areas in contact with the ground.



Product characteristics

- Properties**
- Powdery component in the combi-lid
 - Adheres on bitumen
 - Extremely impact resistant
 - Two-component product
 - Reinforced with carbon fibres
 - Frost-resistant
 - Very good initial and final adhesion
 - Crack-bridging
 - Reliable protection against water ingress
 - Water-repellent

Areas of application Exterior only

Suitable substrates in detail In all ALLFAtherm insulation systems.

Material description

- Binder** Synthetic dispersion
- Density** Approx. 1.3 kg/l kg/dm³
- Water vapour permeability** Approx. 2.2 m according to DIN EN ISO 7783
- Water absorption coefficient (w-value)** Approx. 0.02 kg/(m²h^{0.5}) according to DIN EN 1062-3

Average consumption (short text) Bonding: approx. 4.0 kg/m²
 Reinforcement: approx. 3.8 kg/m²
 Primer/bonding primer: approx. 1 kg/m²
 Sealing: approx. 1.3 kg/m² per mm layer thickness

Average consumption It is advisable to determine the exact consumption figure by producing a sample area.

Colour shade Grey

Storage Cool, but protected from frost

Thinning Water

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Substrates

Suitable substrates	All usual mineral substrates (plasters/renders, concrete, masonry) Insulation boards in ETICS and for perimeter insulation Bitumen.
Substrate conditions	The substrate has to be firm and sound, grease- and frostfree. Remove coarse, protruding mortar or concrete parts, level out larger unevennesses using an appropriate mortar. Check existing render for stability and cavities and existing coatings for bearing strength. Non bearing renders and coatings have to be entirely removed. If necessary, substrates have to be primed.

Application

Application method	Application by trowel
Application	Take the powder component (3 x 3.0 kg) off the combi-lid and add it to the liquid component in a 1:1 ratio. Use an appropriate agitator until the mixture is homogenous and free of lumps. For the application by brush (priming coat and bonding bridge), adjust to working consistency by adding approx. 10% of water. Working time approx. 2 hours. Do not attempt to make already stiffening material workable again with water. For reinforcement take care that the reinforcing fabric lies centrally in the layer of Abdichtspachtel. When using as surfacer, apply Abdichtspachtel in a layer thickness of at least 2 mm (do not fall below indicated consumption rates). During the hardening process after bonding, the insulation boards must be protected against slipping-off.
Application hints	The following regulations have to be observed and to be complied with during the application: ALLIGATOR application guidelines, the relevant valid building approvals, the current ALLFATHERM application brochure and in Germany BFS Fact Sheet No. 21, DIN 55699 as well as Technical System Information "Compendium ETICS and Fire Protection" published by the professional association Wäremedämmverbundsysteme (ETICS).
Note	Bonded insulation boards must be protected against slipping until final drying of the adhesive. Filling up soil and vibrating must not take place before thorough drying. Protect coated surfaces against stress of rain, frost and water until complete drying.
Temperature limit	Between + 5° C and + 30° C for substrate and ambient air during processing and drying.
Drying time	At + 20° C for substrate and ambient air and 65% relative humidity (RH), recoatable after approx. 24 hours. Lower temperature or a higher humidity extend the drying time.
Tool cleaning	Immediately after use with water

Information

Product code	BSW20 (M-DF01)
General information	Liquid component A: Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the paint. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow to enter drains, waterways or soil. Clean tools immediately with water and soap. Do not breathe vapour/spray. Contains mixture of: Benzisothiazolinone and Tetramethylol acetylenediurea. May produce an allergic reaction.
Hazard statements and safety advice	Powder component B: This mineral powder product reacts alkaline. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Keep out of reach of children. Do not breathe dust or mist. Wear protective gloves/ protective clothing/ eye protection/ face protection. If swallowed: Rinse mouth. Do not induce vomiting. If in eyes Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. .
Observe safety data sheets	Further details: See Safety Material Data Sheet (MSDS)
Waste disposal	Only completely emptied containers should be given for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried hardened product residues as construction site/demolition/ municipal or domestic waste.

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Container size

Content	EAN code	Article no.
18 KG	4002822020675	855305

System specific and system completing products

Perimeterdämmplatte 032

Perimeterdämmplatte 035

Fensteranschlussfolie

Fensterbankeckwinkel

This data sheet cannot deal with all types of application arising in practice. Therefore, we cannot be held responsible for their content. These instructions do not release the purchaser / applicator from his responsibility of professionally examining the substrate and determining the suitability of the product in consideration of the project characteristics. In case of queries please request the technical assistance of ALLIGATOR FARBWERKE.