

Capatect CarbonSpachtel

Impact-resistant, cement-free, carbon fibre-reinforced, dispersion-bonded reinforcing compound for the production of heavy-duty reinforced base coats. Minimum layer thickness 3 mm according to ÖNORM B 6400.



Product description

Description / Material

Cement-free, impact-resistant, ready-to-use reinforcing compound for the reinforced base coat in the Capatect Top-Line and Capatect Basic-Line. Capatect CarbonSpachtel is also used in the renovation of façades and polystyrene insulation systems.

Properties

- Carbon fibre reinforced
- Impact resistant
- Excellent workability
- Low voltage
- Highly weather-resistant

Colour shades Light beige

Technical data

Raw density:	approx. 1.70 g/cm ³
Adhesive tensile strength ÖN EN 1015-12:	≥ 0.30 N/mm ² / fracture pattern B
Adhesive tensile strength EPS-F EAD 040083-00-0404:	>= 0.08 N/mm ²
Water absorption ÖN EN 1062-3:	W3 low
Water vapour diffusion resistance coefficient μ EN ISO 7783 :	approx. 400 / V2 medium
Thermal conductivity $\lambda_{10,dry}$ EN 1745:	approx. 0.50 W/(m.K) Tabulated average value (P=50%)
Fire behaviour ÖN EN 13501-1:	Euroclass B-s2, d0

StorageCool and frost-free. Can be stored for 12 months if originally sealed.

Packaging / container

sizes25 kg bucket (24 containers = 600 kg / pallet)



Processing

Processing	<p>Application of the base coat: After applying the edge protection to window reveals and edges and the diagonal reinforcement to corners of façade openings, Capatect CarbonSpachtel must be applied in the width of the fabric using a 10 x 10 mm notched trowel and the Capatect glass fabric pressed in with an overlap of at least 10 cm. Then plaster over again wet-on-wet with Capatect Carbon Spachtel to ensure full coverage of the fabric. The minimum layer thickness of the base coat is 3 mm, whereby the Capatect glass fabric must be embedded in the centre.</p> <p>For renovation: Capatect CarbonSpachtel is used as a basecoat as part of the Capatect façade renovation to rework damaged pasty topcoat renders on PS insulation systems or on solid masonry before a new textured render layer is applied. Capatect Carbon Spachtel with fabric reinforcement is applied to the load-bearing and cleaned substrate as described in the "Base coat" section. If PS insulation systems are to be renovated, please consult one of our specialist advisors.</p>
Application method	In general, our installation instructions for Capatect external thermal insulation composite systems and accessories also apply.
Minimum processing temperature	Application at temperatures below + 5 °C (building, material and air temperature), as well as in blazing sun, strong wind, driving rain and fog or mist is not permitted. Exceeding the dew point is not permitted without suitable protective measures. These conditions must be maintained for at least 2 days after application. Caution during night frost!
Material preparation	Capatect CarbonSpachtel is ready to use and only needs to be stirred briefly. In warm weather, the consistency can be adjusted by adding a small amount of water.
Consumption	Approx. 5 kg/m ² with a minimum layer thickness (MSD) of 3 mm.
Drying / drying time	At + 20 °C and 65 % relative humidity at least 4 - 5 days. The drying time is extended at lower temperatures and higher humidity. Before further coating work, Capatect CarbonSpachtel must be tested in the entire layer thickness for sufficient drying and corresponding surface strength
Tool cleaning	Rinse with water immediately after use.
Notes	To avoid build-up, apply wet-on-wet in one go. To minimise the To maintain the special properties of Capatect Carbon products, they must not be mixed with other products. Not suitable for horizontal surfaces exposed to water.
Substrate preparation	<p>Preparation of a reinforced base coat: Any offsets at the board joints of Capatect facade insulation boards must be sanded down beforehand; any adhering sanding dust must be removed.</p> <p>Façade renovation: The substrate must be sound, clean, free of loose particles and separating substances (observe ÖNORM!). Damaged, flaking mineral coatings or textured plasters must be removed as far as possible. Plaster cavities must be knocked off and plastered flush with the surface using suitable material. Sandy or floury mineral surfaces must be thoroughly cleaned down to the solid substance and primed with Primalon Deep Primer LF.</p> <p>Renovation of façades and ETICS: The coating must be sound, clean, free of loose particles and separating substances. Damaged, flaking textured render must be removed. In the event of cracks in the top coat (base coat and top coat) or in the façade, the cause must be determined by a specialist. Only then can a decision be made as to how and whether refurbishment can be carried out.</p>

Chemicals regulations

EU limit value for VOC content	VOC content according to Directive 2004/42/EC: This product contains max. 1 g/l.
Hazard warnings/safety instructions	May cause an allergic skin reaction. - If medical advice is required, have packaging or labelling ready. - Keep out of the reach of children. - Avoid inhalation of mist or vapour. - Do not get in eyes, on skin or on clothing. - Wear protective gloves/eye protection. - IF ON SKIN: Wash with plenty of soap and water. - Remove contaminated clothing and wash before reuse.
Contains	1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one.

Waste disposal	Dispose of liquid material residues at the collection point for old paints/varnishes, dispose of dried material residues as construction and demolition waste or as municipal waste or household waste.
Declaration of ingredients according to VdL Guideline	Polyvinyl acetate resin, polyacrylate resin, calcium carbonate, silicates, water, ester alcohol, additives, preservatives.
01 Safety Data Sheet	The safety data sheet can be found at www.synthesa.at .

Technical information: Capatect Carbon Spachtel, status: 11 / 2023

This technical information has been compiled on the basis of the latest state of the art and our experience. With regard to the variety of substrates and object conditions, we are not bound by the content of our technical information. It therefore does not release the purchaser / user from the obligation to test our materials for their suitability for the intended purpose under the respective object conditions in a professional and workmanlike manner. When a new edition / new PDF version is published, this publication loses its validity.

Technical advice

All substrates encountered in practice and their technical coating treatment cannot be dealt with in this publication. In difficult cases, our specialist advisors will provide you with detailed, property-specific advice.

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