

Capatect-OrCa-Spachtel

Ready-to-use, lightweight reinforcement compound, strengthened with carbon fibres. Suitable for use within the noncombustible Capatect ETICS/EWI system OrCa (System Carbon Darkside).



Product Description

Field of Application	Compound for applying reinforcement layers (embedding of reinforcing fabrics) on thermal insulating boards made of mineral fibres like - Capatect-MW-Fassadenämmplatte 149 EXTRA - Capatect-LS-Fassadendämmplatte VB 101 within the Capatect OrCa ETICS/EWI system.
Material Properties	- Excellent adhesion - Weather-resistant and water-repellent to DIN V 18550 - Water vapour permeable - Dilutable with tap (potable) water - Ready-to-use - Easy to apply - Low material consumption - As hardened reinforcement layer highly shock-proof and non-cracking Binder: Silicate-organo Hybride Dispersion/Emulsion
Packaging/Package Size	20 kg bucket
Colours	Creme-coloured
Storage	Cool, dry and frost-free and protected against direct sunlight.
Technical Data	<ul style="list-style-type: none"> ■ Density: approx. 1.4 g/cm³ ■ Diffusion-equivalent air layer thickness s_{dH_2O}: 0.26 m to DIN EN ISO 7783 ■ Coefficient of water absorption: approx. 0.03 kg/(m² · h^{0,5}) to DIN EN 1062, class W2 (medium) ■ Shock resistance / Impact strength: Up to 60 Joule are achievable within the OrCa system (Standard-System: 15 Joule).
Product No.	9818
Note	Data stated above are average values, which may slightly vary from batch to batch (supply) due to the use of natural raw materials. Do not rework with mineral finishing renders/plasters and reinforcement compounds.



Application

Preparation of Material	<p>Capatect-OrCa-Spachtel is a ready-to-use and filler/reinforcement mortar should only be stirred up before use. The consistency may be adjusted by adding a small quantity of tap water. Apply the reinforcement mortar onto the thermal insulating boards in the width of a reinforcing fabric sheet. Press reinforcing fabric Capatect-OrCa-Gewebe 653 very thoroughly, sheet by sheet, into the freshly applied, still wet reinforcement layer with an overlap of approx. 10 cm. Apply a subsequent layer of reinforcement mortar (wet-on-wet), to guarantee the complete embedding of fabrics. The fabric should be embedded in the upper third of the reinforcement layer. Provide for a total reinforcement layer thickness of approx. 4-5 mm.</p> <p>Corners of the building:</p> <p>When Capatect Edge Reinforcing Fabric is used, the fabric Capatect-OrCa-Gewebe 653 has to be applied only up to the edge/outside corner.</p> <p>When Capatect Edge Guard Profiles (without Reinforcing Fabric Strip) are used, the fabric has to overlap the edge/corner area for 10 cm.</p>
Consumption	Approx. 1.4 kg/m ² per mm of layer thickness. Reference value. Deviations should be considered due to site and application conditions.
Application Conditions	The temperature for material, substrate, water and ambient air should not fall below + 8 °C and not exceed approx. 30 °C during application and drying period. Do not apply in direct sunlight, during strong wind, fog, high relative humidity, and imminent rain or frost.
Drying/Drying Time	At 20 °C and 65% relative humidity the reinforcement layer is surface-dry after 24 hours and thoroughly dry and ready for stress after 2 to 3 days. Depending on atmospheric conditions (at the earliest after 2 to 3 days) the reinforcement layer can be coated with ThermoSanFassadenputz NQG.

Advice

Please Note (Status as at Date of Publication)	Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water. Do not empty into drains, water courses or onto the ground. Further Information: See Safety Data Sheets.
Disposal	Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures. In Germany: Only completely emptied containers should be given for recycling. Dispose containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.
Product Code Paints and Enamels	M-DF02
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