

# Capatect OrCa-Spachtel

Ready-to-use lightweight reinforcement mortar, reinforced with carbon fibres. Suitable for use within the non-combustible Capatect ETICS Carbon EXTRA



## Product Description

Field of Application	<p>Ready-to-use mortar for the embedding of reinforcing fabric to create the reinforcement layer on thermal insulating boards made of mineral wool like</p> <ul style="list-style-type: none"> <li>- Capatect MW-Fassadendämmplatten type "zg"</li> <li>- Capatect LS-Fassadendämmplatte VB 101</li> </ul> <p>within the system <b>Capatect ETICS Carbon Extra</b></p>
Material Properties	<ul style="list-style-type: none"> <li>■ Reaction to fire: A2-s1,d0 (non-combustible) as per DIN EN 13501-1</li> <li>■ Ready-to-use</li> <li>■ Easy to apply</li> <li>■ Low material consumption</li> <li>■ Excellent adhesion</li> <li>■ Water-repellent</li> <li>■ Highly shock-proof and non-cracking</li> <li>■ Impact resistance up to 20 Joule (1 layer system)</li> <li>■ Impact resistance up to 60 Joule (2 layers system)</li> </ul>
Packaging/Package Size	20 kg bucket
Colours	creamy white
Storage	Cool, dry and frost-free and protected against direct sunlight.
Technical Data	<ul style="list-style-type: none"> <li>■ Density: approx. 1.3 g/cm<sup>3</sup></li> <li>■ Diffusion-equivalent air layer thickness <math>s_d H_2O</math>: &lt; 0.5 m as per DIN EN ISO 7783, class V2 as per DIN EN 15824</li> <li>■ Fire behaviour: A2-s1, d0 as per DIN EN 13501-1</li> <li>■ Vehicle / Binding agent: Silicate-organo-hybride emulsion</li> <li>■ Water permeability (w-value): <math>\leq 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})</math> as per DIN EN 1062-3, class W<sub>3</sub> as per DIN EN 15824</li> </ul>
Product No.	9818
Note	<p>Data stated above are average values, which may slightly vary from batch to batch (supply) due to the use of natural raw materials.</p> <p><b>Not suitable with mineral top coatings (e.g. finishing render or reinforcement mortar).</b></p>



## Application

Suitable Substrates	All substrates must be load-bearing, dry, flat (DIN 18202 or 18203), clean and free of adhesion-reducing residues.
Preparation of Material	Capatect OrCa-Spachtel is ready to use and should only be stirred up shortly before use. The consistency may be adjusted by adding a <u>small</u> quantity of tap water.
Method of Application	<b>Diagonal reinforcement:</b> Before the application of the reinforcement over the entire area, diagonal reinforcement elements or fabric strips must be embedded diagonally in the corner area of building openings. <b>Reinforcement layer:</b> To ensure an uniform, even surface, double-layer processing is recommended: Apply the first layer of Capatect OrCa-Spachtel (approx. 1 - 2 mm layer thickness) to stabilize the insulation board surface. After curing of this layer apply the same reinforcement mortar onto the thermal insulating boards in the width of a reinforcing fabric sheet. Press reinforcing fabric Capatect OrCa-Gewebe 653 very thoroughly into the freshly applied, still wet reinforcement layer with an overlap of approx. 10 cm. Then 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.
Consumption	Approx. 1.3 kg/m <sup>2</sup> per mm of layer thickness. Discrepancies should be considered due to site and application conditions.
Application Conditions	<b>Processing temperature:</b> + 8 °C to approx. + 30 °C for material, substrate, water and ambient air during application and curing. 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% RH 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 Capatect ThermoSan-Fassadenputz NQG.

## Advice

Please Note (Status as at Date of Publication)	Keep out of reach of children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Contains a mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2-hydroxypropylneododecanoate, 2-methyl-2H-isothiazol-3-one. Can cause allergic reactions. In Germany: Advice for allergy sufferers with isothiazolinone allergy via hotline 0800/1895000 (free of charge from German landline). Further details: see Material Safety Data Sheet
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. Only completely emptied containers should be given for recycling. In Germany: Dispose containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.
EU limit value for the VOC content	as per EC Directive 2004/42: < 1%; < 10 g/l
Giscode	BSW20
Product Code Paints and Enamels	M-DF02 (outdated)
Further Details	<b>Assessments and approvals:</b> ETA-09/0368
Customer Service Centre	Tel.: +49 6154 71-71710 Fax: +49 6154 71-71711 e-mail: kundenservicecenter@caparol.de  International Distribution: Please see <a href="http://www.caparol.com">www.caparol.com</a>

### Technical Information No.9818 - Issue: July 2018

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.9818 - Capatect OrCa-Spachtel - Issued: May 2018