

Capatect-ZF-Spachtel 699 SF

Dispersion-based, fibre-reinforced surfacer for applying fabric-reinforced layers.

Special Formula for low temperatures $\geq 1\text{ }^{\circ}\text{C}$ up to $15\text{ }^{\circ}\text{C}$



Product Description

Capatect-ZF-Spachtel 699 SF is designed to create a reinforcing layer within the Capatect ETICS* System B during unsuitable weather conditions. Due to a relatively short-term skinning effect the surface may be stressed earlier by drizzle or frost - compared with ordinary formula ZF 699. Final hardening and drying depends on weather conditions – as usual for the normal formula.

Do not mix with standard Capatect-ZF-Spachtel 699.

Note: This recipe version is not designed to apply a reinforcement at inappropriate temperatures outside the specified values or in the pouring rain.

* ETICS = External Thermal Insulation Composite System
Brit. term: EWI = External Wall Insulation
Am. term: EIFS = External Insulation and Finish System

Field of Application

Reinforcement surfacer for Capatect ETICS System B.
 As reinforcer used for the rehabilitation. Suitable for fixing edge protection elements. Can be used on highly absorbent substrates as insulation board adhesive.
 Products in "SF" quality only be combined with each other. Do not combine with products without SF-formula.
 Not suitable as a reinforcing layer under Melderfer flat facing bricks.

Product Properties

- fire behaviour "schwerentflammbar" (hardly combustible / of low flammability)
- excellent adhesion on EPS boards
- weatherproof, hydrophobic to DIN 18 550
- water vapour permeable
- water-thinnable
- low tension
- ready for use, cement-free
- elegant application
- high stability
- vehicle: synthetic resin dispersion with plasticising additives
- balanced combination of quartz and calcite fillers
- also suitable as adhesive on highly absorbent substrates
- accelerated skinning, thus the surface may be stressed earlier
- smell of ammonia

Packaging/Package Size

bucket containing 20 kg

Colours

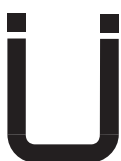
beige

Storage

Cool, but frost-free, max. 8 weeks after delivery
 Only cold stored material for the application to use!

Technical Data

- Density: approx. 1.2 [kg/dm³]
- Diffusion-equivalent air layer thickness s_{dH_2O} : $s_d =$ about 1.0 [m] as per DIN EN 7783, class V2 (medium) - when properly applied thickness
- Coefficient of water absorption: ≤ 0.14 [kg/(m² · h^{0.5})] as per DIN EN 1062, class W2 (medium)
- Consistency: paste-like



Product No. 699 **SF**

Application

Substrate Preparation	Abrade offset at butt joints of EPS boards. Remove adherent swarf. EPS boards must be free of frost and ice. Protect window sills and further attached parts.
Preparation of Material	The material is ready for use, but should be stirred before application. Adjust to working consistency with small amount (max. 125 ml) of tap (potable) water, only if necessary. Apply the material onto the insulating boards in the width of a Capatect reinforcement fabric sheet. The Capatect Gewebe 650 (reinforcement fabric) should be thoroughly embedded with an overlap of 10 cm into the freshly applied, still wet surfacer. A subsequent coat of Capatect-ZF-Spachtel 699 SF must be immediately applied (wet-on-wet), to guarantee a complete embedding (covering) of the fabric and a total reinforcement layer thickness of approx. 2 – 3 mm. If Capatect Edge Guard Profiles are applied, the fabric should overlap the area of edges for 10 cm. If Capatect Edge Reinforcing Fabric is used, the fabric should be applied only to the edge.
Consumption	approx. 1.5 [kg/m ²] per mm layer thickness. These consumption figures are for guidance, object-dependent or process-related variations are taken into account.
Application Conditions	Optimum processing temperature: +1 °C (minimum) and up to +8 °C. The maximum temperature is 15 °C, the max. relative humidity up to 95%. These limits are necessary during the drying phase for at least 6 hours. Do not apply at temperatures above 15 °C (substrate and/or material) or in direct sunlight to avoid an untimely skin forming - followed by an uncontrolled processing. After that time usually the reinforcement layer is resistant against drizzle and small up to medium-sized showers as well as insensitive to slight frost down to -5 °C - due to the skin formation. Capatect-ZF-Spachtel 699 SF dries by film formation of the dispersion and evaporation of moisture. Lower temperature and higher relative humidity extend the drying process. Next processing step only after the complete drying!
Drying/Drying Time	The reinforcing layer usually is surface dry after 24 hours. The drying is weather dependent! Therefore, no precise estimation of the period for drying can be made. Prior to further revision check the reinforcing layer in the entire film thickness for adequate drying and hardening.
Tool Cleaning	Clean immediately after use with water.

Advice

Basically suitable protective measures are to be met for the treated surface - depending on the expected weather conditions - (eg Tarpaulin as protective cover on scaffolding or other effective rain protection)

Please Note (Status as at Date of Publication)	Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water. Do not allow into drains, watercourses or soils.
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 packaging should be given for recycling. Dispose of liquid material residue as disposal of water-mixable adhesives, packaging with remnants of dried material as disposal of hardened adhesives or via household waste. European Waste Code (EWC): 08 04 10
Product Code Paints and Enamels	M-DF02
Further Details	See also: <ul style="list-style-type: none"> ■ Further Information on Capatect ETICS Special Formula for cooler season ■ Material Safety Data Sheet (MSDS)
Customer Service Centre	Tel.: (+49) 0 61 54 / 71 17 10 Fax: (+49) 0 61 54 / 71 17 11 e-mail: kundenservicecenter@caparol.de International Distribution: Please see www.caparol.com

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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. 699 · Capatect-ZF-Spachtel 699 SF · Issued: November 2011

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