

Capatect Capapor Profilkleber 121/109

Adhesive for bonding decorative and façade profiles indoors and outdoors

Product Description

Field of Application	Mineral adhesive for fixing decorative and façade profiles. Suitable for use on solid, mineral substrates and Capatect façade systems based on EPS and mineral wool insulation with mineral base coat with min. 2.5 N/mm ² compressive strength.	
Material Properties	<ul style="list-style-type: none"> ■ Smooth applying ■ Easy float-in of the profiles ■ High early adhesive strength ■ Early load capacity ■ High adhesive strength ■ Water repellent ■ Optimised open time 	
Packaging/Package Size	25 kg bag	
Colours	Natural white	
Storage	Dry, cool, protected from moisture. Shelf life in original sealed packaging at least 12 months.	
Technical Data	<ul style="list-style-type: none"> ■ Resistance-count for diffusion μ (H₂O): ≤ 35 according to DIN EN 1015-19 ■ Compressive strength: Category CS IV according to DIN EN 998-1 ■ Apparent density of hardened mortar: approx. 1,5 g/cm³ ■ Adesive tensile strength: ≥ 0.3 N/mm² according to DIN EN 1015-12 ■ Fire behaviour: A2-s1, d0 (non-combustible) according to DIN EN 13501-1 in combination with Capatect Capapor ■ Coefficient of water absorption: Class W_c2 according to DIN EN 998-1 ■ Vehicle / Binding agent: Mineral binders as per DIN EN 197-1 with special synthetic additives 	
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Application



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Substrate Preparation	<p>All substrates must be load-bearing, even, clean and free from adhesion-reducing residues. When fixing on external thermal insulation composite systems, apply "Capatect Capapor Profilkleber 121/109" to the suitable and dry base coat. The evenness of the surface of the cured base coat should not exceed a pitch of 2 mm in relation to the maximum edge length of the decorative and façade profile to be applied. Check concrete and untreated render for load-bearing capacity, remove release agent residues and loose parts. Prime absorbent substrates accordingly.</p>
Preparation of Material	<p>Mix with an electric stirrer until a workable, lump-free consistency is obtained. After a maturing time of at least 5 minutes, stir again. Do not mix more material than can be applied within one hour. Approx. 4.5 - 5.0 l water per 25 kg material (bag).</p>
Consumption	<p>Approx. 3.0 to 4.0 kg/m². The exact consumption rate is best established in trials.</p>
Application Conditions	<p>During The application and in the drying phase, the ambient and substrate temperatures must not be below +5 °C and above +30 °C. Do not apply in direct sunlight, strong wind, fog or high humidity. Note shorter setting time in windy conditions. Consider extended drying times at low temperatures and high humidity. Protect from rain during the drying phase. In this context, we refer to the leaflet "Verputzen, Wärmedämmen, Spachteln, Beschichten bei hohen und tiefen Temperaturen" (Rendering, Thermal Insulation, Filling, Coating at High and Low Temperatures) from the Bundesverband Ausbau und Fassade (Federal Association for Finishing and Facades).</p>
Drying/Drying Time	<p>Approx. 24 hours (at 20 °C and 65 % relative humidity) for the decorative and façade profile bonded with "Capatect Capapor Profilkleber 121/109". These times are extended at lower temperatures and higher humidity.</p>
Tool Cleaning	<p>Immediately after use with water.</p>
Installation	<p>An installation plan must be drawn up prior to the application. Remove dust and adhesion-reducing residues from the decorative and façade profiles, adjust length if necessary. A cross-cut or mitre saw is recommended for cutting.</p> <p>Apply "Capatect Capapor Profilkleber 121/109" over the entire surface with a toothed trowel (toothing 8-10 mm) to the substrate and to the back of the façade profile (floating-buttering method). Only apply as much adhesive as can be laid before skin formation. The profiles are always bonded over the entire surface. Float the profiles with light pressure and press them firmly into place, securing them against slipping if necessary.</p> <p>The circumferential joint of the façade profiles must be sealed with "Capatect Capapor Profilkleber 121/109". Seal the adhesive joints by smoothing the profile adhesive with a damp brush. Glue mitres and offsets together over the entire surface.</p> <p>Clean base coats soiled with profile adhesive with water immediately after application, otherwise adhesion problems of mineral finishing renders may occur.</p> <p>Completely seal the upper wall connection joint with profile adhesive during installation.</p> <p>Execute horizontal connection joints to the substrate with cove.</p> <p>Note: Thinner and larger-format decorative and façade profiles generally place higher demands on the evenness of the installation surface in order to prevent the risk of breakage and to ensure full-surface installation. To increase the installation safety, site installation tests are recommended in advance.</p> <p>Metals, e.g. titanium zinc, can be corroded by direct contact with alkaline mortars.</p> <p>For use, please refer to the Technical Information of the Capapor products used:</p> <ul style="list-style-type: none">■ "Capapor Rahmen-, Gurt- und Gesimsprofile 121/010-011"■ "Capapor Fensterbankprofile 121/012"■ "Capapor Bossensteine 121/016"■ "Capapor Konsolen und Schlusssteine 121/017-018"

Advice

Please Note (Status as at Date of Publication)	<p>Causes skin irritation. Causes serious eye damage. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not breathe dusts or mists. Wash skin thoroughly after handling. Wear protective gloves/ eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. Contains: Cement, portland, chemicals. Aqueous cement suspensions have an alkaline effect.</p>
Disposal	<p>Only empty bags (trickle-free) for recycling. Cured material residues must be disposed of according to EWC 170904 (mixed construction and demolition waste).</p>
Risk and Transportation Markings	<p>The information on the label and in the current safety data sheet apply.</p>
Giscode	<p>ZP1 cementitious products, low in chromate</p>

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Customer Service Centre

Tel.: +49 6154 71-71710

Fax: +49 6154 71-71711

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.121/109 · Capatect Capapor Profilkleber 121/109 · Issued: September 2022

CAPAROL Farben Lacke Bautenschutz GmbH · Roßdörfer Straße 50 · D-64372 Ober-Ramstadt · Internet www.caparol.com · E-Mail info@caparol.de