

# Capatect Capapor® Fensterbankprofile 121/012

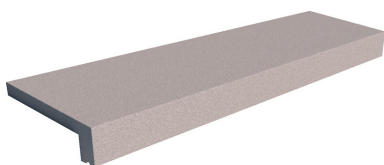
Profiles for facade design and decorative elements for creative interior effects

## Product Description

Field of Application	Decor and façade profiles made of lightweight material as windowsill profile for decorative façade design. Suitable for use on solid substrates and Capatect façade systems based on EPS and mineral wool insulation material.  For reconstruction of stylistic elements on historical facades in need of renovation.  For the design of interior spaces.
Material Properties	<ul style="list-style-type: none"> <li>■ Design element based on mineral lightweight granules</li> <li>■ Excellent optical and technical quality</li> <li>■ Nearly unlimited design freedom through standard profiles and order-related special designs</li> </ul>
Packaging/Package Size	Individual elements packaging
Colours	grey
Storage	Dry, cool and protected from moisture and direct sunlight on a flat surface to avoid warping.
Technical Data	<ul style="list-style-type: none"> <li>■ Raw density: approx. 500 kg/m<sup>3</sup></li> <li>■ Fire behaviour: A2-s1, d0 as per DIN EN 13501-1 (up to a max of 100 mm profile thickness)</li> <li>■ Coefficient of thermal expansion: approx. 10.5*10<sup>-6</sup> K<sup>-1</sup> according to DIN EN 14617-11</li> </ul>
Supplementary Product	Capatect Capapor Profilkleber 121/109 Capatect Capapor Profilspachtel 121/110 Capatect SockelFlex / Capatect Sockelflex Carbon
Product No.	121/012

## Application

Substrate Preparation	All substrates must be load-bearing, level, clean and free from adhesion-reducing residues. For external thermal insulation composite systems, glue the profiles on 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 windowsill profile to be applied. Check concrete and untreated plaster for load-bearing capacity, remove release agent residues and loose parts. Prime absorbent substrates accordingly.
Application Conditions	During processing, temperatures must not fall below + 5 °C. Do not apply on surfaces heated up by the sun, or during rain or strong wind.



Drying/Drying Time	At 20° C and 65% RH approx. 24 hours for the façade profile bonded with "Capatect Capapor Profilkleber 121/109". Lower temperatures and higher humidity extend the curing time.
Tool Cleaning	Immediately after use with water.
Installation, Fixing, Cut	<p><b>Preliminary works</b></p> <p>Remove dust and adhesion-reducing residues from decorative and facade profiles, adjust length if necessary. A cross-cut or miter saw is recommended for cutting.</p> <p><b>Installation</b></p> <p>"Capatect Capapor Fensterbankprofile" must always be executed on second sealing level. Bond the window sill profiles to the load-bearing, level substrate with sealing level using "Capatect SockelFlex" or "Capatect SockelFlex Carbon".</p> <p>Prior preparation of the second sealing level is carried out in accordance with the Capatect processing instructions.</p> <p>Remove dust from decorative profiles and interfaces prior to installation. Beforehand, the edges of the decorative and facade profiles to be coated must be broken by the customer using a residual piece or sanding block.</p> <p><b>Primer</b></p> <p>The upper surfaces of the window sill profiles to be coated later with "Capatect SockelFlex" must be primed with "CapaSol Konzentrat" diluted 1:2 with water.</p> <p>Prime the end faces of the profiles in the area of the connecting joints (joint flanks) with "CapaSol Konzentrat" diluted 1:2 with water before reworking.</p> <p><u>Practical tip:</u> Prime the joint edges already before bonding.</p> <p><b>Bonding</b></p> <p>Apply "Capatect SockelFlex" or "Capatect SockelFlex Carbon" over the entire surface with a notched trowel (notch 15 mm) to the substrate, drawn off in drainage direction to the facade (adhesive strip in slope direction). The "Capatect Capapor Fensterbankprofile" are always bonded in a toothed bed with adhesive applied in the direction of water drainage. Float in facade profiles with slight pressure and press firmly, if necessary secure against slipping. Make sure that the underside of the window sill profiles is not sealed with adhesive mortar to allow drainage. It is not possible to glue angle elements on the vertical, in the case of angled window sills, to ensure the functionality of the second sealing level.</p> <p>Apply "Capatect Fugendichtband 2D 054 / Flex 085" and elastic sealant (e.g. "Capatect Fugenmasse MS") to the circumferential joint of the profiles or the connection to the frame and reveal. When connecting the window sill profiles to the frame, the currently valid construction details must also be observed.</p> <p><b>Combination of "Rahmen-, Gurt- und Fensterbankprofilen"</b></p> <p>The combination of "Rahmen-, Gurt- und Fensterbankprofilen" is always done in two parts. In the two-part design, the frame and belt profiles must be installed under the window sill cover before the formation of the second sealing level in order to be able to apply the second sealing level continuously and completely to the horizon surface, thus ensuring water drainage.</p> <p>A one-piece design is possible if the bend is no more than three times as long as the thickness of the profile. The profile projection over the finished ETICS surface must not exceed 50 mm.</p> <p><b>Horizontal profile surfaces</b></p> <p>Horizontal profile surfaces with a projection &gt;20 mm must be designed with a slope of more than 5° or 8 % leading away from the facade. Depending on the profile geometry and thickness, drip edges are to be provided at the front edge if possible. Drip edges must be located at least 30 mm in front of the finished facade surface.</p> <p><b>Joints</b></p> <p>Window sill profiles must not be butt-jointed.</p> <p><b>Painting and finishing</b></p> <p>Cut "Kobau Elastic Fabric 10/10" to window sill size minus 5 mm edge distance. Allow primer to dry. Fill the upper face of the "Capapor Fensterbankprofile" with "Capatect SockelFlex / SockelFlex Carbon" as reinforcement layer and embed "KobauElastic Gewebe 10/10". Allow reinforcement to dry. Smooth the surface with "Capatect SockelFlex / SockelFlex Carbon".</p> <p>After sufficient drying of the filler, coat the window sill profile with at least 2 layers of "Disbon 404".</p> <p>Minor damage to the profiles can be repaired with "Capatect Capapor Profilspachtel 121/110".</p> <p><b>Trowelled window sill variant</b></p> <p>As an alternative to the above-mentioned variant, the design without Capaporprofil is possible as a trowelled window sill variant with "Capatect SockelFlex" or "Capatect SockelFlex Carbon". For this purpose, the insulation material of the horizontal sill cover must be cut to size with a slope of at least 5° or 8%. The component connection to the frame is made with a suitable joint sealing tape.</p>

## Application

The base coat of the vertical facade is applied to the horizontal component surface in the joint with the frame. After sufficient drying, a suitable decorative profile is bonded to the vertical facade at the joint to the horizontal surface. The resulting horizontal surface is reinforced up to the front edge of the "Dekor- und Fassadenprofilen" with a reinforcement layer of "Capatect SockelFlex" or "Capatect SockelFlex Carbon" plus "Capatect Gewebe 650".

If necessary, the substrate is levelled in advance with an additional filler layer of "Capatect SockelFlex" or "Capatect SockelFlex Carbon".

Subsequently, a full-surface trowel coat of "Capatect SockelFlex" or "Capatect SockelFlex Carbon" is applied on the horizontal surface.

After sufficient drying of the filler layer, apply at least two coats of "Disbon 404".

The Capapor decor and façade profiles mainly consist of mineral based raw materials. For any coatings etc. it is recommended to orientate by mineral based finishes. Request for further advices in case of different application.

The feasibility of special designs must be clarified in advance. The graphically elaborated special profiles must be checked and approved by the customer before acceptance of the order.

Available dimensions:	
<b>Length</b>	max. 2.250 mm/element
<b>Overhang</b>	max. 520 mm/element
<b>Thickness</b>	max. 20 mm

For extended/ special applications please ask for processing recommendations.

Thinner and larger-format "Capatect Capapor Frame, Belt or Cornice 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.

### Weather protection

For "Capatect Capapor Fensterbankprofil" with an overhang > 300 mm, a sheet metal cover is recommended according to the "Fachregeln für Metallarbeiten im Dachdeckerhandwerk".

Horizontally installed facade profiles without additional sheet metal covers have an increased tendency to become soiled.

### Cut-outs

Cut-outs from "Capatect Capapor Fensterbankprofil" e.g. for recesses are not possible due to an increased risk of cracking.

### Loads

"Capatect Capapor Fensterbankprofil" are designed to take dead loads, wind loads and snow loads. Additional loads, e.g. from foot traffic on the facade profiles, are not permissible.

### Fire behavior

Depending on the area of application and the coating system used, a different fire behavior classification may be possible.

The fire behavior classification given applies only in combination with Caparol Sylitol NQG.

## Advice

### Disposal

Cutting residues must be prepared in accordance with EWC 170904 (mixed construction and demolition waste).  
Respect national and regional rules and regulations.

### Risk and Transportation Markings

Do not throw; transport on a flat surface; separate several profiles by cardboard etc. to prevent damage to the coating, protect edges especially.

### 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](http://www.caparol.com)

## Technical Information No. 121/012 · Issue: September 2022

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.121/012 · Capatect Capapor®  
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