

# Capatect Putzträgerplatte 091

Render carrier board for spanning e.g. external venetian blind constructions

## Product Description

Field of Application	render carrier board for bridging e.g. external venetian blind constructions in Capatect ETIC-Systems with render coating
Material Properties	<ul style="list-style-type: none"> <li>■ Easy to cut and drill</li> <li>■ Fabric reinforced on both sides</li> <li>■ Low weight</li> <li>■ High mechanical stability</li> </ul>
Packaging/Package Size	091/00 - 1 pallet = 72 m <sup>2</sup> = 75 panels 091/01 - 1/2 pallet = 38,48 m <sup>2</sup> = 38 panels
Colours	beige
Storage	Dry, cool, protected from sunlight and moisture. The panels must not be exposed to permanent moisture penetration or waterlogging.
Technical Data	<ul style="list-style-type: none"> <li>■ Material: Lightweight board made of expanded glass granulate and glass fibre mesh on both sides</li> <li>■ Resistance-count for diffusion <math>\mu</math> (H<sub>2</sub>O): <math>\mu &lt; 10</math> according to DIN EN ISO 7783</li> <li>■ Raw density: approx. 510 kg/m<sup>3</sup> according to DIN EN 1602</li> <li>■ Tensile strength under flexion: <math>\geq 1400</math> N/mm<sup>2</sup> as per DIN EN ISO 14125</li> <li>■ Fire behaviour: C-s1, d0 as per DIN EN 13501</li> <li>■ Thickness: 18 mm</li> <li>■ Area-related mass: approx. 9 kg/m<sup>2</sup></li> </ul>
Supplementary Product	"Capatect Aluminium L-Profil 092" 25/40 mm "Capatect Plattenniet 093" 5x25 mm "Capatect Plattenschraube 094" 6,3x 25 mm "Capatect Abschlussaufsteckprofil 664/01" 18 mm
Product No.	091  Dimensions: 1,200 x 800 x 18 mm Further versions on request.
Note	Specified fixed values represent average values that may vary slightly from delivery to delivery due to the use of natural raw materials.



## Application

Substrate Preparation

All substrates must be load-bearing, even, clean and free of adhesion-reducing residues. In order to achieve a component surface flush with the insulation material, lay 2 cm thinner facade insulation boards than on the other facade surfaces and bond in such a way that the "Capatect Putzträgerplatte 091" including adhesive bed can be applied in the facade alignment plumb and flush.

Consumption

1 m<sup>2</sup> per m<sup>2</sup>

Application Conditions

During application and in the curing phase, the ambient and base coat temperatures must not be below +5°C and above +30°C. Do not apply in direct sunlight, strong wind, fog or high humidity. In this context, we refer to the leaflet "Verputzen, Wärmedämmen, Spachteln, Beschichten bei hohen und niedrigen Temperaturen" (Rendering, thermal insulation, filling, coating at high and low temperatures) from the Bundesverband Ausbau und Fassade (Federal Association for Finishing and Facades).

In case of unfavourable weather conditions, take suitable measures to protect the processed facade surfaces.

Installation

**Panel cutting:**

The panels are preferably cut with a cutter knife or with commercially available tools (knife, saw, etc.).

**Installation:**

Glue the "Capatect Putzträgerplatten 091" on insulation materials with adhesive and base coat (e.g. "Capatect Klebe- und Armierungsmasse 186M" or "Capatect Klebe- und Spachtelmasse 190") over the entire surface using the toothed bed method. Apply the mortar with a notched trowel 8 x 8 mm. The render carrier board must be fully bonded to the insulation material above shading devices such as blind boxes by at least 500 mm and on both sides by at least 250 mm. The freely cantilevered area must not exceed 300 mm.

Connection joints to the insulation material are to be closed with "Capatect Füllschaum 056/00", joints between the "Capatect Putzträgerplatten 091" with the planned adhesive.

**Fixing:**

Fixing is carried out after sufficient hardening of the adhesive.

- Flush anchoring (countersunk anchoring not possible).
- Anchor: "Capatect Universaldübel 053"
- Minimum number of anchors: 4 per board
- Double row anchoring
- Distance between the anchors and the edge of the board: 125 mm
- Dowel spacing to each other: min. 250 mm
- Drill out render carrier board with 18 mm anchor to accommodate the sub-construction area of the plate anchor

Refer to the processing instructions for the render carrier board for specifications on the number of dowels depending on the wind load and the dowel arrangement.

When using elasticised polystyrene, the insulation thickness is limited to 20 cm.

**Base coat:**

The transition from the "Capatect Putzträgerplatte 091" to the facade insulation board must be reinforced with double fabric embedding. The joint between two boards must be provided with an additional fabric layer. Reinforcement compounds to be applied with a layer thickness of at least 4 mm are e.g. "Capatect Klebe- und Spachtelmasse 190", "Capatect Klebe- und Armierungsmasse 186M", "-170", "-133 LEICHT" or "Capatect OrCa-Spachtel" with "Capatect Gewebe 650".

**Accessories:**

The formation of the lower finish is preferably done with "Capatect Aluminium L-Profil 092" (25/40 mm), which is riveted with "Capatect Plattenniet 093" fastener. It is also possible to screw the L-profile with "Capatect Plattenschraube 094" 6,3 x 25 mm. Pre-drill a 5 mm hole for both fasteners. A sealing tape must be provided between the aluminium L-profile and the render carrier board.

Alternatively, the "Capatect Abschlusssaufsteckprofil 664/01" can be used. The use of these profiles is possible up to a clear opening dimension of 2.5 m. Only whole profile lengths may be used, profile joints are not permitted. The profiles must always be glued to the edge of the board in one continuous strip with "Fugenmasse MS".

Installation, Fixing, Cut

Unrendered "Capatect Putzträgerplatten 091" on the façade must be protected from moisture, direct sunlight and frost and coated with reinforced base coat as soon as possible. Damaged "Capatect Putzträgerplatten 091" must not be installed.

## Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)

The specifications in the safety information apply.

Disposal

Avoid wastage from site in compliance with standard construction site procedures and national regulations. The boards 091 and all related packaging must be disposed in a safe way in accordance with the full requirements of the local authorities.

Germany: Dispose of as mixed construction and demolition waste: 170904.

# TECHNICAL INFORMATION NO. 091

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## Technical Information No. 091 · Issue: August 2023

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.091 · Capatect Putzträgerplatte 091 · Issued: July 2023

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