

# Capatect Meldorfer Ansatzmörtel 080

Adhesive and joint mortar for "Original Meldorfer Flachverblender"



## Product Description

Field of Application	Ready-to-use adhesive and jointing mortar for "Original Meldorfer Flachverblender" in the Capatect façade systems and in interior areas. Organic exterior render according to DIN EN 15824 in combination with "Original Meldorfer Flachverblender".
Material Properties	<ul style="list-style-type: none"> <li>■ High initial adhesion</li> <li>■ Highly elastic</li> <li>■ Water vapour permeable</li> <li>■ Water repellent</li> <li>■ Extremely low tension</li> <li>■ Easy, smooth application</li> </ul>
Packaging/Package Size	25 kg bucket
Colours	Anthracite, cement grey, sand white Special colours on request
Storage	Cool, but frost-free. Keep out of direct sunlight. Can be kept for at least 12 months in the original sealed packaging.
Technical Data	<ul style="list-style-type: none"> <li>■ Density: approx. 1.74 g/cm<sup>3</sup></li> <li>■ Water permeability (w-value): Category W3 (low) according to DIN EN 15824 w: ≤ 0.1 kg/(m<sup>2</sup> h<sup>1/2</sup>) according to DIN EN 1062-3</li> <li>■ Fire behaviour: A2-s1, d0 as per DIN EN 13501-1</li> <li>■ Consistency: paste-like</li> <li>■ Vehicle / Binding agent: Copolymer of vinyl acetate / ethylene / methacrylic acid esters</li> </ul>
Product No.	080



## Application

Suitable Substrates	<p>To avoid exposure to rain during the drying phase, cover the scaffold with tarpaulins if necessary. Slight colour differences are possible due to the use of natural aggregates. Therefore, pay attention to the same production numbers or pre-mix the required quantities of material.</p> <p>Mortar group PII, PIII according to DIN V 18550 / EN 998-1 and similar, concrete, load-bearing mineral old render and coatings, gypsum plasterboard or base coats of mortar group PIV + V in interior areas. Finished, hardened base coat in accordance with the approval of the external thermal insulation composite system used. Prime cementitious substrates (also mineral reinforcing compounds) with "PutzGrund 610" to largely exclude efflorescence.</p>
Substrate Preparation	<p>The substrate must be even, clean, dry, solid, load-bearing and free of separating or adhesion-reducing residues or substances. Impurities and substances with a separating effect (e.g. formwork oil) as well as protruding mortar burrs must be removed.</p>
Preparation of Material	<p>Meldorfer Ansatzmörtel 080 is ready to use. Stir up well with a low speed electric stirrer. Adjust viscosity with just a small amount of tap water if necessary.</p>
Method of Application	<p><b>Preparatory work:</b></p> <p>To avoid different colour effects and dimensional tolerances, the material must be mixed from different packages during installation. To do this, open several packages (at least 4) at the same time. The material is removed in a diagonal sequence and by cross-mixing from the packages with subsequent laying.</p> <p>To determine the working section, divide the areas to be covered evenly with continuous height markings (cord strike):</p> <ul style="list-style-type: none"> <li>■ Normal format (NF) one working section has a height of approx. 33.2 cm (4 facing layers à 71 mm and 4 bearing joints à 12 mm).</li> <li>■ Thin format (DF) has a working section approx. 32.0 cm high (5 facing layers à 52 mm and 5 bed joints à 12 mm).</li> <li>■ Special format (SF) has a working section approx. 29.4 cm high (2 facing layers à 135 mm and 2 bed joints à 12 mm)</li> <li>■ Long format (LF) has a working section of approx. 31.2 cm height (6 facing layers of 40 mm each and 6 bed joints of 12 mm each)</li> <li>■ Large format (GF) has a working section of approx. 31.2 cm (1 facing layer à 300 mm and 1 bearing joint à 12 mm)</li> <li>■ Extra long format (XLF) has a working section of approx. 32.0 cm (5 veneer layers à 52 mm and 5 horizontal joints à 12 mm)</li> <li>■ Multiformat (MF) has a working section of 29.4 cm (When using the 3 different sized facing formats in three layers and 3 bedding joints à 12 mm.)</li> </ul> <p>When dividing the dimensions, observe fixed lines (e.g. windows, doors, roll layers, etc.) and use them as a starting point for dividing the dimensions. Slight dimensional shifts can be taken into account when dividing the height.</p> <p><b>Processing:</b></p> <p>Apply the "Meldorfer Ansatzmörtel 080" to the cured base coat in form of a stripe, within the applied height markings using a trowel and comb horizontally with a tooth trowel (teeth 4 x 6 mm). Apply only "Ansatzmörtel 080" on a surface, that can be covered immediately with "Capatect Meldorfer Flachverblendern" before the film forming starts. Place the "Capatect Meldorfer Flachverblendern" with sliding movements with the entire backside into the fresh "Meldorfer Ansatzmörtel 080" respecting the appropriate joint distance so that no cavities arise. Work most efficiently from top to bottom and start with the corner bricks.</p> <p>Smooth the fresh adhesive in the joints evenly with a slightly wet 10 mm flat brush and work on the flanks of the flat facing bricks in such a way that a tight connection between the Ansatzmörtel and the flat facing bricks is ensured.</p> <p>Finally, brush off the surface with a hand-brush or similar to remove protruding mortar residues.</p> <p>Spread the still open adhesive evenly in the joint area with a wet 10 mm flat brush and work onto the flanks of the facing bricks in such a way that a tight connection between the base mortar and the flat facing bricks is ensured.</p> <p>In order to further improve the adhesion of the materials to each other by means of mechanical bonding, it is recommended to leave the serration of the preparation mortar in the joints when fully grouting with "Capatect Meldorfer Fugenmörtel 081".</p> <p>Finally, brush the surface with a hand brush or similar to remove loose mortar residues.</p>
Consumption	<p>2.5 – 3.0 kg/m<sup>2</sup></p> <p>The exact rate of consumption is best established by a trial application on site.</p>
Application Conditions	<p>During application and in the drying phase, the ambient and substrate temperatures must not drop below +5 °C and must not exceed +30 °C.</p> <p>Do not apply in direct sunlight, wind, fog or high humidity. In this context, we refer to the leaflet "Verputzen, Wärmedämmen, Spachteln, Beschichten bei hohen und niedrigen Temperaturen" from the "Bundesverband Ausbau und Fassade".</p>

# TECHNICAL INFORMATION NO. 080

Drying/Drying Time	At 20 °C and 65 % relative humidity: surface-dry after 24 hours and thoroughly hardened after 2 – 3 days. Lower temperatures and a higher relative humidity extend the drying times.
Tool Cleaning	Immediately after use with water.

## Advice

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

May cause an allergic skin reaction. If medical advice is needed, have packaging or label at hand. Keep out of the reach of children. Avoid inhalation of mist or vapour. Do not get in eyes, on skin or on clothing. Wear protective gloves/eye protection. IF ON SKIN: Wash with plenty of soap and water.

Additional information: If render comes into contact with your eyes, rinse immediately with plenty of water and consult an ophthalmologist. Wear long trousers! Avoid prolonged skin contact with the render. Immediately clean affected skin thoroughly with water. The longer fresh render remains on your skin, the greater the risk of serious skin damage. It is essential to follow the manufacturer's health and safety instructions during the application phase.

Please Note (Status as at Date of Publication)

May cause an allergic skin reaction. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Wear protective gloves/eye protection. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. Contains: 1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).

Additional Notes: If plaster comes into contact with your eyes, wash out immediately with plenty of water and consult an ophthalmologist. Wear long pants! Avoid prolonged skin contact with the plaster. Immediately clean affected skin thoroughly with water. The longer fresh plaster remains on your skin, the greater the risk of serious skin damage. It is essential to follow the manufacturer's occupational safety instructions during the application phase.

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities.

Giscode

Germany: D2 emulsion based adhesive mortar, low solvent

Further Details

**Approvals:**

Z-31.1-171  
Z-33.41-130  
Z-33.42-1739  
Z-33.43-132  
Z-33.44-133  
Z-33.47-859  
Z-33.49-1071  
ETA-07/0184  
ETA-10/0436  
ETA-11/0300  
ETA-12/0383  
ETA-13/0289

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## Technical Information No. 080 · Issue: May 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.080 · Capatect Meldorfer Ansatzmörtel 080 · Issued: March 2023