

Capatect CS-Dämmplatte 045 Mineral 800

Mineral insulation board made from mineral foam



Product Description

Field of Application	Mineral, silicate insulation board for the glued and doweled Capatect façade system.
Material Properties	<ul style="list-style-type: none">■ Non-combustible■ Dimensionally stable and mass hydrophobic■ High system resistance to mechanical damage■ Mineral, biologically harmless, fully recyclable■ Fibre-free■ Application area according to DIN 4108-10: WAP
Storage	Dry, protected from moisture.
Technical Data	<ul style="list-style-type: none">■ Heat conductivity: Rated value: 0.045 W/(mk) according to DIN V 4108-4■ Resistance-count for diffusion μ (H₂O): 3 according to DIN EN 12086■ Compressive strength: ≥ 350 kN/m² according to DIN EN 826■ Coefficient of water absorption: For short-term immersion according to DIN EN 1609: $W_P = 2.0$ kg/m² For long-term immersion according to DIN EN 12087: $W_{LP} = 3.0$ kg/m²■ Building material class: A1 according to DIN EN 13501■ Tensile strength: ≥ 80 kN/m² according to DIN EN 1607
Supplementary Product	<ul style="list-style-type: none">■ Capatect-CS-Klebe- und Armierungsmörtel 850 (adhesive & base coat)■ Capatect-CS-Haftgrund 820 (primer)■ Capatect-CS-Strukturputze 860 + 870 (textured renders)



Size (blunt-edged): 600 x 390 [mm]		
Board Thickness [mm]	Product No.	Packing per Pallet: [m ²]
80	800/08	21.06
100	800/10	16.85
120	800/12	14.04
140	800/14	11.23
160	800/16	9.82
180	800/18	8.40
200	800/20	8.40

Note

The insulation material is not suitable for spiral anchors and mounting elements such as "DoRondo-PE Montagerondelle" and "ZyRillos Montagezylinder", which are only glued into the insulation material. Attachments are fastened exclusively using the appropriate mounting elements in the insulation thickness. Unrendered insulation boards on the façade must be protected from moisture and coated with reinforced base coat as soon as possible. Damaged insulation boards must not be installed.

Application

Suitable Substrates	Mineral substrates of new buildings or sound/stable, solid existing renders/plasters and other stable coatings (e.g. paint coats).
Substrates	Pre-treat substrates according to the application instructions of the adhesives.
Substrate Preparation	The substrate must be clean, dry and load-bearing. Impurities and separating substances (e.g. formwork oil) as well as protruding mortar burrs must be removed. Damaged, flaking old coats of paint and decorative renders must be removed as far as possible. Hollow areas of rendering are to be knocked off and rendered flush with the surface. Highly absorbent, sanding or chalking surfaces must be thoroughly cleaned to solid substance and primed with "Sylitol® RapidGrund 111".
Application Conditions	Application temperature: During application and in the curing phase, the ambient and base coat temperatures must not be below +5 °C and above +30 °C respectively. In Germany: In this context we refer to the comment ATV DIN 18345 point 3.1.3 unsuitable climatic conditions.
Installation	Apply "Capatect CS-Klebe- und Armierungsmörtel 850" as an adhesive over the entire surface with a notched trowel or by bead-shaped adhesive application at the edge of the board and additional dots or strips in the surface, so that an adhesion of at least 70 % per insulation board is achieved. Laying is staggered by at least 10 cm in a bond. Interlock insulation materials at the building corners. Join insulation boards tightly. Decouple insulation board joints to other building components stress-free with joint sealing tape. Leave butt joints and bearing joints of the boards free of adhesive. Butt joints of insulation boards must not be located above the connection zones of different building components (e.g. ring beams, roller shutter boxes, element joints). The insulation boards should bridge at least 10 cm here and be supported on both sides by a secure adhesive bond. After the adhesive has hardened, fix the insulation boards with the required anchors approved by the building authorities. Use only "Capatect CS-Klebe- und Armierungsmörtel 850" as base coat on the facade insulation board.

Advice

Disposal	Avoid waste by careful cutting and reuse. Nevertheless, dispose of small material residues according to EAK 170604 (insulation material).
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