

Capatect Sockelmulti 777

Mineral adhesive and base coat, as well as feltable finishing coat especially for the plinth area.

Product Description

Field of Application

For bonding of plinth and perimeter insulation boards on facades to mineral substrates, bituminous thick coatings, sprinkled bituminous membranes and concrete in plinth areas and up to a depth of 20 cm below the ground level.

As a base coat of plinth and perimeter insulation boards on facades in plinth areas and up to a depth of 20 cm below the ground level.

As a finishing coat for creating fine-grained, felted surfaces in the plinth area of external thermal insulation composite systems.

From a total layer thickness of base coat of ≥ 7 mm or base coat and finishing coat of ≥ 7 mm with integrated moisture protection.

For the renovation of fissured, mineral and load-bearing substrates in the plinth area.

Material Properties

- Tested de-icing salt compatibility according to "IBF-Richtlinie by OFI"¹⁾
- Integrated moisture protection as of a total layer thickness of ≥ 7 mm
- Can be used as felted or textured finishing coat
- Suitable as an adhesive on bituminous substrates and ideal for medium-layer base coat for facades, which are flush with the plinth area
- Fiber reinforced against mechanical impact
- Higher flexibility in application, as exact marking of the top edge of the ground on facades is unnecessary
- Idle times are shortened and additional travel to the construction project is unnecessary

¹⁾IBF-Institut für Flachdachbau u. Bauwerksabdichtung ("Institute for Flat Roof Construction and Building Waterproofing"); OFI - Österreichisches Forschungsinstitut für Chemie und Technik ("Austrian Research Institute for Chemistry and Technology")

Packaging/Package Size

25 kg bag

Colours

Grey

Storage

Cool, dry and frost-free.
Shelf life approx. 12 months in original sealed bag.



TECHNICAL INFORMATION NO. 777

Technical Data	<ul style="list-style-type: none">■ Maximum grit size: approx. 1.0 mm■ Resistance-count for diffusion μ (H₂O): ≤ 50 according to DIN EN ISO 7783■ Water permeability (w-value): Waterproof according to DIN EN 12390-8 (28d, 1.5 bar)■ Apparent density of hardened mortar: approx. 1.8 g/cm³ according to DIN EN 998-1■ Adhesive tensile strength: ≥ 0.5 N/mm² according to ETAG 004■ Vehicle / Binding agent: Cement according to DIN EN 197-1, mineral aggregates according to DIN EN 13139
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Product No. 777

Application

Suitable Substrates	Masonry, concrete, building seals or firmly adhering coatings must be clean, dry and load-bearing. Contamination and substances with a separating effect (e.g. formwork oil) as well as protruding mortar burrs must be removed. Damaged, peeling old coatings and textured renders must be removed as far as possible. Hollow areas of render must be chipped off and then rendered flush with the surface. Highly absorbent, sanding or chalking surfaces must be thoroughly cleaned down to the solid substance and primed with "Sylitol RapidGrund 111". Tape off window sills and add-on parts.
Preparation of Material	Capatect Sockelmulti 777 can be mixed to a lump-free mass using a powerful, slow-running agitator or compulsory mixer and clean, cold water. Water requirement approx. 5.8 l per 25 kg bag. Do not mix more material than can be processed within 2 hours. Do not use water to make material that has already stiffened workable again.
Consumption	<ul style="list-style-type: none">■ Adhesive (dot-bead method): approx. 4.5-6.0 kg/m²■ Adhesive (full surface): approx. 3-5.5 kg/m²■ Base coat: approx. 1.5 kg/m²/mm (layer thickness: 5-7 mm)■ Finishing coat: approx. 1.5 kg/m²/mm (layer thickness: 1-2 mm) <p>Determine exact material requirements by trial coating on the object.</p>
Application Conditions	Application temperature: During application and in the drying phase, the ambient and substrate temperatures must not be below +5 °C and above +30 °C. Protect from drying out too quickly, do not apply under direct sunlight, during wind, fog or high humidity. In this context, we refer to the leaflet "Verputzen bei hohen und tiefen Temperaturen" (Rendering at high and low temperatures) issued by the "Deutschen Stuckgewerbe-bund" (German Stucco Trade Association).
Drying/Drying Time	Curing: Any necessary fastening with anchors should only be carried out after sufficient solidification of the adhesive bed, i.e. after approx. 1-3 days. Particularly in the cool season and in high humidity, drying is therefore delayed. Reworking: When reworking the material, approximately the following waiting times should be observed, depending on the drying conditions:

Rework with:	waiting times
Capatect Sockelmulti 777	1 day
Capatect SockelFlex / Capatect SockelFlex Carbon*	3 days
Coating systems	7 days
Pasty renders*	5 days
Mineral renders*	2 days

* additional moisture protection required for total thickness < 7 mm or for reworking with finishing coats of "Capatect SockelFlex" or "Capatect SockelFlex Carbon".

Tool Cleaning Immediately after use with water.

Application **Processing as adhesive:**
The minimum adhesive contact area is 40%. The joint areas of the insulation boards must remain free of adhesive. Always seal the joints between the insulation boards with insulation strips or "Capatect Füllschaum B1 056/00". Do not use adhesive for this purpose. Lay insulation boards in a offset pattern and press tightly together.

"Dot-bead method":

Apply circumferential bead beveled at the edge of the board so that no adhesive is pressed into the impact joint or bearing joint when the boards are pressed against each other. For an insulation board area of 0.5 m², 3-6 adhesive dots must be applied. It is not possible to fix the insulation boards by point adhesion only.

When using the "dot-bead method" on old load-bearing renders and/or coatings, bituminous thick coatings and sprinkled polymer welding membranes, we recommend additional dowelling ≥ 150 mm above the top edge of the ground.

Tooth bed method:

The tooth bed method is only to be used for uneven substrates. Immediately after adhesive application, apply and tap insulation boards to the substrate. In the case of full-surface adhesion on bituminous thick coatings or scattered polymer welding membranes, additional anchoring ≥ 150 mm above the ground level is not necessary.

Processing as a base coat:

The material can be applied in a layer thickness of 5-7 mm. Then comb through with toothed trowel "R" and level with cartridge. Lay the mesh "Capatect Gewebe 650" into the open mortar bed, overlapping by approx. 10 cm, and level. The mesh must be completely embedded in "Capatect Sockelmulti 777" and lie in the upper third of the base coat thickness. In corner areas of building openings, additionally embed "Capatect Diagonalarmierung 651/00" or a fabric strip (25 x 25 cm) diagonally in base coat. If the thoroughly dried base coat is subsequently coated with an organic or mineral finishing coat, appropriate moisture protection must be provided depending on the installation situation.

Processing as finishing coat:

Cover the thoroughly dried base coat of "Capatect Sockelmulti 777" again with the same material in a layer thickness of approx. 1-2 mm. While stiffening, felt down with a fine sponge board. To use the integrated moisture protection of "Capatect Sockelmulti 777", it is recommended to partially check the layer thicknesses to ensure a total layer thickness of at least 7 mm.

If necessary, final coat:

After complete drying of both layers, a paint system (two coats) with a facade paint suitable for the base area, e.g. "ThermoSan NQG" or "Muresko", can be applied for color design.

After hardening and drying, rendering surfaces that bond below ground level must be protected with a fleece-laminated dimple membrane placed in front of them.

Advice

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

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, , calcium dihydroxide. Aqueous cement suspensions have an alkaline effect.

Disposal

Only empty bags (free-flowing) for recycling. Can be landfilled after concentration, when in compliance with local regulations. EAK 170904

Giscode

ZP1 Products containing cement, low in chromate

Further Details

Note on CE marking

The CE mark is affixed to the container. The declaration of performance can be found on the Internet at www.caparol.de.

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