

Technical Information

Capatect-Feinspachtel 195



Product Description

Field of Application:

Fine render plaster for planar, felt-treated surfaces, where a flat, smooth surface finish is required.

Ideal for smooth render bands around windows / doors, reveals, and at the base of buildings (plinths).

Properties:

- Good adhesion
- Weather-resistant
- Excellent workability
- Resistant to frost and de-icing salts
- High water vapour diffusion
- Hydrophobic (DIN 18 550)

Product Base / Vehicle:

White cement with small amounts of organic additives

Colour:

Light grey

Storage:

Cool, dry, off the ground and protected from moisture and frost. Protect from direct sunlight.

Shelf Life:

Shelf life in original, tightly closed packaging: 12 months from date of manufacture

Pack size:

25 kg bags

Product Code:

195/FEIN

Technical Data:

Adhesive tensile strength:	> 0.1 N/mm ₂
Green density:	approx. 1500 kg/m ₃
Water vapour diffusion resistance:	$\mu < 18$
Coefficient of water absorption:	$w < 0.1 \text{ kg}/(\text{m}_2 \cdot \text{h}_{0.5})$ as per DIN 1062. W ₃ low
Diffusion-equipment air layer thickness Sd (H ₂ O)	0.10m
Consumption:	Approx. 2.0 kg/mm ² /m ² the exact rate & best established by a trial application.

Application

Preparation of Substrates:

Substrates must be sound / stable, clean, dry and free from all materials that may prevent good adhesion.

Clean surfaces infested with organic growth (mould, algae, etc.) by pressure washing then treat the surface with Permarock Moss & Mould Remover and allow to dry thoroughly.

Allow new base renders / plasters to harden for at least 2-4 weeks.

For use with Permarock PermaRend systems or Permarock External Wall Insulation systems, the reinforcement layer has to be cured / set and should be completely dry.

Suitable Substrates:

Sound, dry mineral-based surfaces including reinforcement layers of EWI systems, cement renders / plasters, concrete, lime / cement renders.

Workability / Pot Life:

Approx. 1 - 1.5 hours, depending on weather conditions. Maximum 60 minutes for machine application.

Note: Never re-mix slightly stiffened material with water. Such material cannot / must not be used.

Preparation of Material:

The material can be used with many types of continuous mixers (automatic mixers), spiral pumps and machines for render / plaster projection.

For manual preparation, the contents of each 25 kg bag of Capatect-Feinspachtel 195 is gradually added to approx. 5-6 litres clean (potable) cold water in a smooth-sided flat bottomed mixing vessel. Agitate with a suitable low-speed paddle mixer until the mixture is free of lumps.

Leave to stand and swell / hydrate for approx. 5 minutes then stir up again. Adjust to working consistency by adding a small amount of tap water, if required.

Method of Application:

Apply by hand as a uniform layer, 2-3 mm thick and smooth-en or felt the surface during the hardening process using a felt or sponge float.

Application Conditions:

During the application and drying phase, the temperature (material, substrate, water and ambient air temperature at the work face) should be minimum + 5 °C / maximum + 30 °C. Do not apply under direct sunlight or during strong wind, fog or high relative humidity.

Example for machine application:

Flow mixer Berö Calypso 15 with standard equipment and Berö speedy 15 with screw-conveyor 1/1 output. Strictly follow manufacturer's instructions. Rinse hoses prior to regular application with lime slurry or lime paste.

Water supply: 3/4" hose with GEKA-connector, minimum 2.5 bar water pressure for the running machine.

Water flow: Approx. 320 l/hour. Adjust the desired mortar consistency by the fine regulating valve in the water fitting of the mixer.

Conveying Hose: Primary hose, interior Ø 35mm, 13.3m each-end hose, interior Ø 25mm, 10m.

Conveying distance: maximum pumping distance 50m

Sprayer: Berö Integra Kombi, 8mm) noz-
zle Compressor: V-meko 400

Drying / Drying Time:

The render / plaster dries due to hydration and physically, i.e. by evaporation of mixing water.

At + 20 °C / 65% relative humidity the material is surface dry after approx. 24 hours. Drying time is extended by low temperatures and / or high relative humidity. Freshly applied material should be protected from precipitation and freezing during the drying phase. In warm weather conditions, rapid drying must be avoided.

The surface must be wetted periodically if necessary. Tarpaulins or other sheet protection can be used to protect the surface from rain during the drying phase if necessary.

Note: Due to the accumulation of the binder on the surface of the material that has been smoothed or treated with a felt disk, the formation of fine surface shrinkage cracks cannot be entirely excluded. This is not a defect and must be accepted as normal for this material.

Tool Cleaning:

Clean tools and equipment with clean water immediately after use.

Decorative Coating:

Recoat after approx. 2 weeks drying / curing (+20°C , 65%RH). Adverse weather conditions, lower temperature and/ or higher humidity extend the drying / curing time. Recoatable after approx. days with Permarock Mineral Façade Coating (silicate) or Permarock Silicone^{Ultra} Façade Coating if the surface is first painted with CapaGrund Universal to minimise the risk of efflorescence.

Apply 2 coats of Silicone^{Ultra} Façade Coating when a higher level of protection against algae and fungi / mould is required.

Advice

Further details : See material safety data sheet

Technical Information Capatect-Feinspachtel 195 Issue: November 2021

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