

Capatect-Profilkleber 121/109

121/109

Profile Adhesive • Cement-bound dry mortar premix for bonding Capapor Facade Profiles

Product Description

Field of Application

Special adhesive for bonding Capapor Facade Profiles.

Properties

- Elegant application
- High initial adhesion
- High flexibility
- Excellent water resistance
- Lime/cement binder base with plasticizing additives

Technical Data

Density: approx. 1.8 g/cm³

Consumption

As per profile size 3 – 6 kg/m², depending on layer thickness and evenness of the substrate.

Colour

Light grey

Packaging

25 kg bag

Storage

Cool, but frost-free and protected against moisture.

Product No.

121/109

Application

Suitable Substrates

Reinforcement layers of ETICS / EWI systems, base layers of mortar groups P II, P III to DIN 18 550, etc., concrete, sound existing mineral render/plaster and paint coatings, gypsum plaster boards or base layers of mortar groups P IV + V in the interiors.

Substrate Preparation

The substrate must be even, clean, solid, dry, sound and free from all substances that may prevent good adhesion.

Allow freshly applied renders/plasters to dry and harden properly for a period of min. 2 to 4 weeks.

Preparation of Material

Pour 5.5 – 6 litres of cold, tap (potable) water per bag in a mortar bucket and add the dry mortar premix gradually. Stir the material thoroughly with a suitable low-speed electrical paddle / agitator for approx. 5 minutes, until the mixture is homogeneous and free of lumps. Leave to stand for approx. 10 minutes, then stir again. If necessary, adjust the working consistency with a small amount of tap water. Workability: Approx. 1 to 2 hours depending on weather conditions. Already hardened (slightly stiff) material must not be made pliable by adding water. Such material is unsuitable for application.

Mounting / Fixing

Apply adhesive Capatect 121/109 in the floating-buttering method to the substrate, reverse sides and cut faces of profiles. Install profiles according to laying plan, press intensively with a rule and, if necessary, prevent shifting. Large-sized belt profiles or similar special profiles are to be fixed in addition by mechanical means. These profiles are provided with a cut-out (notch) for a mounting bracket border.

Indicate the exact run of profile's top edge on the substrate, using spirit level and horizontally tightened string.

Apply Capatect-Profilkleber 121/109 with a notched trowel in floating-buttering method, apply the profiles and allow to harden completely.

Anchor the mounting bracket borders to sound masonry in a distance of 30 to 40 cm using screw dowels Capatect-Universal-Montage-Schraubdübel 617 (observe approx. 10 cm distance to edges).

First drill 5 mm deep with a Forstner drill (nominal width 18 mm).

Position drill holes centrally (nominal width 8 mm), insert dowels and spread them with the screws. Do not use impact dowels.

Apply adhesive material on substrates and profiles reverse side in floating-buttering method.

Note: Apply only a thin film within the notch (cut-out). Position the profile to the mounting bracket and press on. Remove adhesive material escaping from sides. Seal and smoothen joints with a moistened brush.

Treatment of Joint Areas

Joints of profiles are normally realised as visible butt joints. Chamfer the abutting edges slightly with abrasive (sand)paper. Profiles running around buildings, e.g. cornice profiles, should be applied in the floating-buttering method with a distance of 1 cm. Provide for a uniform arrangement of joints. Remove adhesive material escaping from the sides and treat with a moistened brush.

Fill butt joints with Capatect-Füllschaum B1 after a waiting time of at least 24 hours. Allow the foam to harden, then scratch out joints approx. 1 cm deep and joint/fill them with Disbothan 235.

■ Application Temperature

Material, substrate and ambient air should not fall below + 5 °C during application and drying. Do not apply in direct sunlight, during strong wind, fog, high relative humidity, and imminent rain or frost.

Follow Technical Information No. 056, if Capatect-Füllschaum B1 has to be applied.

■ Drying Times

At 20 °C and 65% relative humidity dry after approx. 24 hours, depending on the layer thickness.

Lower temperatures and higher humidity extend the drying time.

■ Tool Cleaning

Immediately after use with water.

Advice

■ Disposal

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

Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.

Only completely emptied bags should be given for recycling. Hardened material should be disposed of as mixed building and demolition waste.

European Waste Code (EWC) 17 09 04

■ Protective Measures /

Safety Advice

Only to be used by trained operatives.

This mineral powdery material has an alkaline reaction.

Irritant to eyes and skin. Keep out of reach of children. Avoid contact with eyes or skin.

On contact with eyes, wash immediately and completely with plenty of (clean) water and seek medical advice. Wear suitable protective gloves and eye/face protection.

If swallowed, seek medical advice immediately and show the container (packaging) or label. Do not breathe dust.

Giscode ZP1

■ Safety Data /

Risk and Transportation Markings

Symbol: Xi – "Irritant"

Contains cement

See Material Safety Data Sheets.

Technical Information No. 121/109 · Revised: August 2008

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/appliator 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. 121/109 Capatect-Profilkleber 121/109 · issued: August 2008

Technical Assistance: As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries.

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