weber
SAINT-GOBAIN

weber.tec 775
Hydrophobic cream

Hydrophobic cram for substantial of water absorption on facades

Fields of application

Used for the hydrophobic impregnation of facades as well as all vertical, heavily inclined and overhead surfaces. Suitable on concrete, brickwork, natural stones, clinkers, sand-lime brickwork and mineral renders. For outdoors.

Description

weber.tec 775 is a thixotropic, 1-component, water-based hydrophobic cream. It quickly penetrates into the substrate and develops its hydrophobic performance. At first the product leaves a white creamy layer, which disappears completely after full absorption by the substrate, without altering its colour. The hydrophobic process prevents moisture penetration into the facade.

Composition

Silane resins in cream form

Main features

- one-component, can be used straight from the packaging

- drip-free consistency, thus practically no loss of product, even on overhead surfaces

- can be applied with airless sprayer, roller or brush

- high water-repellence

- no surface discoloration

- excellent penetration

Technical Datasheet

- drastic reduction of water absorption

- reduction of the absorption of hygroscopic salts

- not classified as hazardous material; water-based and environmentally compatible

- high protection against freeze-thaw salts

Technical values

Application temperature (air and substrate):	+5°C - +30°C
Density:	approx. 0.84 kg/dm³
Consistency:	cream form
Flash point:	> +61°C

Quality control

weber.tec 775 is subject to a regular quality control.

General notes

- In case of use on substrates like glazed clinkers, polished stones, fine-grained crystalline marble a discoloration or the formation of residue might happen on top of their surface. In these cases, it is recommended first to carry out a preliminary test on a job site mock-up (trial area).

- The reaction of the active ingredient may take several weeks. Only when the end of the reaction is reached, the full water-repellent performance will be achieved.

- High temperatures and low relative humidity rates accelerate, low temperatures and high humidity rates slow down the drying time.

- Exact consumption must be determined on a job site mock-up (trial area).

- A too high consumption will lead to an incomplete penetration of the material into the substrate and to an impairment of the water-repellent effect.

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Substrate preparation

- The substrate must be clean and dry.

- Remove residues of formwork oil and cement laitance.

- Protect windows, doors and other areas which must not be treated.

- The substrate preparation must be adapted to the specific job site conditions.

Working instructions

- Apply in one work step, using a brush, lambskin roller, mason's swab or airless sprayer.

- When using an airless sprayer (for e.g. Wagner Superspray Finish 1750), the nozzle size must between 0.46 mm (minimum) and 0.66 mm (maximum), depending on the device in question and the pump performance; keep the air pressure as low as possible (max. 100 bar at a volume flow of approx. 2 liters/minute).

- In case of use by spraying at least 2 applications are required.

- The creamy film will initially remain on the surface, and will then penetrate into the substrate within a period ranging from 30 minutes to a few hours. The substrate will regain its original colour following complete penetration.

- Clean mixing equipment and tools with water (fresh product). Hardened material can only be removed mechanically.

Practical information

Colours:
colourless

Tools:
Brush, lambskin roller, airless sprayer (for e.g. Wagner Superspray Finish 1750) with nozzle size between 0.46 mm and 0.66 mm

Storage:
The product can be stored for at least 24 months in its original unopened packaging, if kept dry, frost-free and at temperatures ≤ +30°C.

Consumption/ yield

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depending on the substrate porosity:	100 - 300 ml/m²

Packagings

Type	Sales unit	Number / euro-pallet
Plastic bucket	4 liters	90 buckets
Plastic bucket	20 liters	33 buckets