Technical Datasheet

PS-20

Silicone-based water-repellent impregnation

Description

PS-20 is a transparent, ready-to-use, silicone-based solution with solvents, for hydrophobic treatment of inorganic substrates.

- It offers excellent water-repellency and long-lasting protection.
- It is water vapor-permeable, allowing the structure to breathe.
- It does not form a film on the application surface or alter its appearance.
- It protects the surface from salt stains (efflorescence), improves resistance to frost damage, and reduces dirt pick-up by preventing absorption of rainwater.
- Suitable for very alkaline substrates.
- Instantly effective after application.

Certified according to EN 1504-2 and classified as a hydrophobic impregnation. CE marked.

Fields of application

PS-20 is applied to various surfaces (natural or synthetic stone, unpainted plaster, exposed masonry, decorative bricks, roof tiles, tiles, exposed concrete, etc.) for their protection against rain. Also suitable for waterproofing of tile joints.

Technical data

Color:	transparent
Density:	0.79 kg/l
Depth of penetration:	Class I <10 mm
Water absorption and resistance to alkali: (EN 13580)	Absorption ratio <7.5% compared to the untreated specimen
	Absorption ratio <10% after immersion in alkali solution
Drying rate coefficient: (EN 13579)	Class II >10%
Vapor permeability: (EN ISO 7783-2):	S_d = 0.075 m

(vapor permeable: Class I: S_d < 5 m)

Cleaning of tools:
Tools should be cleaned with SM-27 solvent while PS-20 is still fresh.

Directions for use

1. Substrate preparation
The surface to be treated must be clean, dry and have an open capillary system. Adjacent surfaces like windows, painted elements, solvent-sensitive materials like polystyrene, joint sealants, bitumen, etc., should be protected during application.

2. Application
PS-20 is applied with a brush, roller or spray. One or two layers are usually sufficient. The second layer is applied while the first one is still fresh. Hydrophobic treatment is more effective on surfaces with adequate slope without standing water.

Consumption

0.2-0.4 l/m^2, depending on the absorbency of the substrate.

Packaging

PS-20 is supplied in metal containers of 1 l, 3 l and 20 l.

Shelf life – Storage

Shelf life in sealed containers is 24 months, in cool conditions.

PS-20

CE

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EN 1504-2

DoP No. PS-20/1410-01

surface protection products
hydrophobic impregnation

Depth of penetration: Class I < 10 mm

Water absorption and resistance to alkali:

Absorption ratio < 7.5% compared to the untreated specimen,

Absorption ratio < 10% after immersion in alkali solution

Drying rate: Class II > 10%

Dangerous substances comply with 5.3

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