



Technical data sheet

Porenbetonbeschichtung

Product description

Characteristics:

- Fine-grained coating for aerated concrete
- As specified in DIN EN 18558
- For exterior use
- Easy structuring
- Resistant to mechanical strain
- Unsaponifiable
- Gloss level: matt
- High resistance of film against algae and fungi

* Test certificate available upon request.

Material

Application area: For exterior use on sustainable panels made of aerated concrete.

Binding agent: Special resin dispersion

Colour: White

Content of solids: Approx. 74 %

Specific gravity: 1.45 g/cm³

pH value: Approx. 8

Diluting agent: Water

Viscosity: Slightly thixotropic

Steam diffusion: $S_{D,H_2O,1000} = 0,1 \text{ m}$
Acc. to DIN EN 53122-1

Water absorption coefficient: W_{24} : approx. $0,054 \text{ kg/m}^2 \cdot \text{h}^{1/2}$
Acc. to DIN EN 1062-3

Deviations of technical data as a result of tinting are possible.

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Application characteristics

Application:	Roller / spray, structure with texture roller or perforated texture roller (Moltopren).
Underground:	Needs to be clean, dry, and solid. Otherwise use JONAS Hydro-Haft- & Tiefgrund first to consolidate the underground. For underground treatment and application VOB, part C, DIN 18363 and the relevant BFS information must be observed.
Coating build-up:	Priming coat: dilute product with max. 20% water. Final coating: dilute product with 5 % water.
Spreading rate per coating:	Priming coat: approx. 800 g/m ² . Final coat: approx. 1000 g/m ² (if necessary test on the wall). For a renovating coat: approx. 700 g/m ²
Application temperature:	At least + 5°C (Degrees Celsius) for air and underground during application and drying.
Drying:	The surface of the coating is dry and can be painted over after 8 hours (at a temperature of 20 °C and a relative atmospheric humidity of 65 %).
Remark:	Application, drying and coating properties might be influenced by weather conditions (i.e. heat, wind, sun etc.).
Tinting:	Product can be tinted with JONAS Allcolor Vollton- und Abtönfarben. Tinting may lead to deviations in the technical data, also with respect to contents of preservatives.
Cleaning of tools:	Clean with water immediately after use.

General information

Storage:	Cool, but not freezing.
Shelf-life:	Can be stored for at least 12 months after date of filling (see additional sticker) if stored properly in the unopened original packaging.
Art.No. and description:	41 40 001 JONAS Porenbetonbeschichtung
Packaging:	20 kg
Ingredients acc. to VdL RL01:	Resin dispersion, white pigment, calcium carbonate, silicate, water, additives, preservatives, BIT/MIT.
Safety:	Please follow the instructions of the safety data sheet and advice for use and safety.
Product-code:	BSW50
VOC content:	EU-Limit for the product Kat. A/c: 40 g/l (2010). This product contains < 40 g/l VOC.
Waste disposal:	Empty containers can be disposed for recycling. Any dried residues of material can be disposed of as construction waste or together with domestic garbage. Containers with liquid material residues must be disposed of according to local regulations. For further information, please contact your local waste authority.

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General information

Advice for use and safety acc. to CLP:

Porenbetonbeschichtung with algicide / fungicide effect provides film protection against algae and fungi and therefore should be used outside only. The film protecting properties of the product help to minimize / delay the risk for fungi or algae. For paints with film protecting properties it is essential to apply at least two layers of paint. Nevertheless, a permanent protection against fungi and algae cannot be guaranteed (also refer to BFS information no. 9, article 6.1, last section).

May produce an allergic reaction. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read product and safety information before use. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Wear appropriate respiratory protection (full mask / half mask equipped with filter type A2/P2 IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. Dispose of contents/container in accordance with local regulations. Wear protective gloves and eye / face protection. Contains: 1,2-Benzisothiazol-3(2H)-one / 2-Methyl-2H-isothiazol-3-one, 5-Chlor-2-methyl-2H-isothiazol-3-one / 2 Methyl-2H-isothiazol-3-one (3:1).

Do not allow to enter into surface water or drains or soil. Water from cleaning work equipment must not get into the ground or surface water. Use product safely. Read product and safety information before use. This material contains an additive protecting against algae and fungi. Active substances: 2-Octyl-2H-isothiazol-3-one, diuron, zinc pyrithione. Safety data sheet available on request. Advice for people suffering from isothiazolinone allergy under phone-no.: +49(0)2058/789-0.