

OSCRETE CONSTRUCTION SEALANT

Low Modulus Hybrid Sealant

Description

Oscrete Construction Sealant is a high quality, professional and universal low modulus sealant based on hybrid technology which cures under influence of humidity to form a durable elastic rubber.

Applications

Oscrete Construction Sealant is used for expansion and connection joint sealing to precast concrete, brickwork and masonry, perimeter pointing and wall sealing. In general **Oscrete Construction Sealant** has good adhesion, also without primer, to concrete, brickwork, painted wood, glass, glazed substrates, aluminum, steel, stainless steel, plastics like polyester and most uPVC.

Benefits

- Adheres perfectly without primer on most, even damp, surfaces.
- Low modulus.
- Highly elastic.
- Free of isocyanate, solvents and silicones. No shrinkage and bubble free.
- Good resistance to UV, weather and water. Durable, permanent elastic.
- Resistant to water.

Properties

100% Modulus	0,35 MPa
Application Temperature	+5°C till +40°C
Curing Time 23°C/50%RH	2,5mm/Day
Density	1,35 g/cm ³
Elongation at Break	350%
Frost Resistance	-15°C
Joint Movement	25%
Shore-A hardness	25 Shore A
Skin Formation 23°C/50% RH	90 min
Temperature Resistance	-30°C till +70°C
Tensile Strength	0,5 MPa

Instructions for use

A well-designed joint is a joint with a sufficient width so it would be able to take and process the movement of the adjacent building elements.

A general rule is the ratio of joint depth to the width of the joint with a joint width till 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the ratio is 1:2 with a minimum depth of at least 10 mm and a maximum of 15 mm.

Standards

Oscrete Construction Sealant conforms to the requirements of BSEN 15651-1 and ISO 11600.



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Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, neoprene and bituminous substrates.
- Not suitable for glazing joints, natural stone and mirrors
- Not suitable for continuous exposure to water
- Not suitable in combination with chlorides (pools)

Surface Preparation & Finishing

Before using **Oscrete Construction Sealant** refer to the Health & Safety Sheet. All substrates must be clean, dry and free from dust, grease and other loose material. Adhesion tests prior to the application are recommended.

Storage & Packaging

Supplied in 600 ml foil pack. 12 x 600ml foil packs per box.

In unopened original packaging between +5°C and +25°C, shelf life till 12 months after product date, stored in a dry place.

Disclaimer

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.

Health & Safety

Please refer to the **Oscrete Construction Sealant** Material Safety Data Sheet but in line with normal handling procedures, personal protective equipment should be worn.

Please consult the OSCRETE Technical Department for advice on admixture selection.

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