

OB1 BioBased Multi-Surface Construction Sealant & Adhesive

BIO-BASED HYBRID SEALANT, ADHESIVE & ELASTIC GAP FILLER

Product Description

OB1 BioBased Multi-Surface Construction Sealant & Adhesive is a bio-based high quality professional universal sealant and adhesive based on hybrid technology, which cures under influence of humidity to form a durable elastic rubber.

Benefits

- 46% bio-based content
- Multipurpose 3 in 1: sealing, bonding & gap filling
- Paintable with water-based & bio-based decorative paints
- Adheres perfectly without primer on most, even damp, surfaces
- Free of tin, isocyanates, solvents and SVHC
- Resistant to UV, moisture and weather conditions
- Low V.O.C. emission

Applications

OB1 BioBased Multi-Surface Construction Sealant & Adhesive was specifically developed as a bio-based universal sealant for durable elastic sealing of connection joints in building and construction industry. A universal construction adhesive for bonding many building materials such as: stone, concrete, glass, plasterboard, PU, PVC, hard plastics, enamel, ceramic, copper, lead, zinc, aluminium, metals, alloys, stainless steel, wood and paint systems.

Directions Of Use

Apply **OB1 BioBased Multi-Surface Construction Sealant & Adhesive** in a 'ventilating' way in vertical stripes with 10-20 cm between stripes. Do not apply the adhesive in dots! The use of 3 mm double sided tape or obtaining temporarily support is recommended to support the adhesion during the first 24 hours and to make sure that the thickness of the adhesive is correct. For further questions please contact our technical service department. A joint with the correct dimensions is able to absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm.

Technical Specifications

100 % modulus	DIN 53504 S2	1,20 - 1,40
Application rate	Ø2,5 mm/6,3 bar	250-400
Application temperature		+5°C. to +40°C
Base		Bio-based hybrid
Curing time	@ +23°C/50% RH	2-3
Density	ISO 1183-1	1,45 - 1,53
Elongation at break	DIN 53504 S2	150 - 250
Flow	ISO 7390	<2
Frost resistance during transportation		up to -15°C
Joint movement		20
Shorea hardness	DIN 53505	45 - 55
Skin formation	DBTM 16.00	20-35
Temperature resistance		-40°C to +110°C
Tensile strength	DIN 53504 S2	1,50 - 2,00

These are typical values

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for natural stone and mirrors
- Not suitable in combination with chlorides (pools)
- Not suitable for aquariums and terrariums

Surface Preparations and Finishing

Application temperature +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean and free of grease and dust. Clean substrates with Cleaner. OB1 BioBased Multi-Surface Construction Sealant & Adhesive adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with a Universal Primer. Always test adhesion prior to application. Use Finisher to smooth the joint.

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Paintability

OB1 BioBased Multi-Surface Construction Sealant & Adhesive is paintable with most water based and synthetic paints. We recommend testing compatibility with paint prior to application. For the best results, we recommend painting a few days after application.





Cleaning

Uncured material and tools can be cleaned by using Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Wipes.

Shelf Life

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months when stored as recommended in original unopened packaging.

Certifications

	<p>EN 15651-1: F-EXT-INT-CC 20HM</p>
	<p>A+ French VOC Regulation</p>
	<p>EMICODE EC1 Plus – very low emission</p>
	<p>ISEGA</p>

	<p>M1</p>
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Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

Warranty & Guarantee

Bostik warrants that its product complies, within its shelf life, to its specification.

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