

OB1 Biobased Fix & Bond Adhesive

A versatile dispersion based adhesive with high initial tack

Product Description

OB1 Biobased Fix & Bond Adhesive is a versatile adhesive with biobased content based on acrylic dispersion with high initial tack. The adhesive cures due to evaporation of water to form a strong and durable bond.

Benefits

- Partly biobased
- High initial tack and end strength (usually no support required during curing)
- Solvent Free
- Suitable for EPS and XPS
- Paintable with most water based and synthetic paints
- Perfect adhesion without use of primer on most, even slightly damp substrates
- Almost Odourless
- Easy to apply and clean
- Non corrosive towards metals

Applications

OB1 Biobased Fix & Bond Adhesive was specifically developed for bonding wood, chipboard, hardboard and to brick work, stone or concrete. Also suitable for bonding EPS and XPS ornaments and decorative trims. For interior use.

Directions

Adhesion tests prior to the application is recommended. For the best results at least one of the two surfaces need to be porous. Panel applications: - Apply OB1 Biobased Fix & Bond Adhesive in 6mm beads 5cm from the edge and approximately 20 to 40 cm apart. - Immediately press the panel firmly to the wall. Some support may be necessary for up to 24 hours. Battens, skirting and other applications: - Apply the adhesive equally in dots or stripes 20 cm apart. - The material must be put into place by moving slightly and applying an even pressure. - Finally press firmly. - Some support may be necessary for up to 24 hours.

Technical Specifications

Application rate	@Ø 3 mm/4 bar	33 in g/min.
Application temperature		+5° to +40°C
Base		Acrylic with biobased content
Curing time	@ +23°C/50% RH	1 day
Density	ISO 1183-1	1,34
Flow	ISO 7390	0
Frost resistance during transportation		-15
Skin formation	DBTM 16	4
Temperature resistance		-20°C to +50°C

These are typical values

Limitations

- Not suitable for continuous exposure to water
- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous surfaces.

Surface Preparations and Finishing

Application temperature +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean, dry, and free of grease and dust. Substrates to be cleared of all loose particles, absorbent substrates do not need to be fully dry. Very porous substrates like: gypsum, airated concrete, limestone, etc., need to be primed with a mixture of 1 part OB1 Biobased Fix & Bond Adhesive and 2 parts water. Always test adhesion prior to application.

Paintability

OB1 Biobased Fix & Bond Adhesive is paintable when fully dry. During curing product will show shrinkage, which can cause cracking of the paint. Paintable with water based and synthetic paints. Painting with highly water based paints can create cracking.

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We recommend testing compatibility with paint prior to application.


Cleaning

Tools to be cleaned after use with water. Hands can be cleaned with Wipes and/or water and soap.

Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life is up to 18 months from production date, stored in a dry place.

Certifications

	A+ French VOC Regulation
	Emicode EC1 Plus

Health & Safety

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

Warranty & Guarantee

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

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