

OB1 PanelPal Panelling Adhesive

Strong universal instant grab adhesive

Product Description

OB1 PanelPal is a professional quality easy gunable hybrid based universal adhesive with instant grab properties assuring a powerful bond once cured under the influence of humidity.

Benefits

- Instant hold properties, ideal for bonding lightweight building materials
- Easy to gun and apply
- Universal bonding for interior and exterior use
- Adheres perfectly without primer on most, even damp, surfaces
- Low emission
- Neutral curing, almost odourless

Applications

OB1 PanelPal was specifically developed as a universal adhesive for bonding many lightweight porous and non-porous building materials.

Directions Of Use

Apply adhesive in a 'ventilating way' in vertical stripes with 10-20 cm distance between stripes. Bring the materials into position and press firmly so that the adhesive is a minimum of 2-3 mm thick between material and surface. Do not apply the adhesive in dots! Support and or clamping during curing may be necessary. For further questions please contact our technical department

Technical Specifications

100 % modulus		1,50 N/mm ²
Application rate	Ø2,5 mm/6,3 bar	20-30 g/min
Application temperature		+5°C. to +40°C
Base		Hybrid
Curing time	@ +23°C/50%	1,5 - 2,0 mm/ 24 hours
Density	ISO 1183-1	1,59 g/ml
Elongation at break	DIN 53504 S2	200%
Flow	ISO 7390	<2 mm
Frost resistance during transportation		up to -15°C
Shorea hardness	DIN 53505 3 sec	57
Skin formation	DBTM 16 @ +23°C/50% RH	10 min
Temperature resistance		-40°C to +90°C
Tensile strength	DIN 53504 S2	1,60 N/mm ²

These are typical values

Limitations

- Not suitable for bonding heavy loads without the use of clamps and/or support during curing
- Not suitable for use on mirrors
- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for continuous exposure to water
- Not suitable for movement joints
- Not suitable in combination with chlorides (pools)

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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 PanelPal** adheres perfectly without the use of a primer to most non porous substrates. Porous substrates to be pre-treated with Primer Universal. Always test adhesion prior to 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

	Emicode EC1 Plus
	M1

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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