

## OB1 PlumbersPal

Non-staining premium quality all-round hybrid sealant and adhesive

### Product Description

**OB1 PlumbersPal** is a professional non-staining all-round sealant and adhesive with high strength and fulfils BREEAM specifications mentioned in chapter 'Health and Wellbeing', Health 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

### Benefits

- All-round premium sealant and adhesive
- Non-staining formulation
- Neutral curing, almost odourless
- Solvent, silicone and isocyanate free
- Perfect bonding without primer on most substrates
- Permanently elastic
- Excellent resistance to UV and weather
- Paintable after skin formation

### Applications

Specially developed for durable elastic sealing of expansion joints in sanitary applications such as kitchens, bathrooms, showers and industrial applications. Can also be used for sealing and bonding EPDM felts and films (prior to application check the compatibility with that particular EPDM) in roof, façade and floor constructions.

### Directions Of Use

Apply as a sealant in 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 10mm is 1:1, with a minimum of 5mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6mm. Apply adhesive in a 'ventilating' way in vertical stripes with 10-20 cm between stripes. Do not apply adhesive in dots! The use of 3mm double sided tape 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

### Technical Specifications

100 % modulus	DIN 53504 S2	2,00 N/mm <sup>2</sup>
Application rate	Ø2,5 mm/6,3 bar	100-200 g/min.
Application temperature		+5°C to +40°C
Base		Hybrid
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,50 g/ml
Elongation at break	DIN 53504 S2	450%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		up to -15°C
Joint movement		20%
Shorea hardness	DIN 53505 3 sec.	60
Skin formation	DBTM 16	10 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +100°C
Tensile strength	DIN 53504 S2	4,10 N/mm <sup>2</sup>

*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 substrates
- Not suitable in combination with chlorides (pools)

### 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. Adheres perfectly without the use of primer to most non porous substrates. Pre-treat porous substrates with Primer Universal. Always test adhesion prior to application. Use Finisher to smooth the joint.

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### Paintability

Paintable with water based and most 2 component paints. Synthetic paints can dry slower. We recommend testing compatibility with paint prior to application. If being painted over (not necessary), we recommend slightly sanding the sealant and the junction surfaces prior to use with Scotch-Brite. 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 24 months when stored as recommended in original unopened packaging

### Certifications

	EN 15651-1: F-EXT-INT-CC 20HM EN 15651-2: G-CC 20HM EN 15651-3: S XS2
	EMICODE EC1 Plus – very low emission M1
	ISEGA

### 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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