

## Joluka Joint Sealant - Polythane 40 Technical Data Sheet

### Product Description

Single-component polyurethane elastomer for elastic bonding.

Tiles adhesion certificate (CEBTP) in accordance to NF P 85-611 and 85-610.

### Typical Applications

Bonding in industry and building industry on most supports: concrete, tile, anodised aluminium and wood.

- Tiles adhesion
- Interior decorating
- Skirting and baseboard

### Characteristics

Skin formation time (23°C 50% HR)	: 60'
Polymerised thickness after 24 hours (23°C 50% HR)	: 3mm
Application temperature	: +5°C ≤ T ≤ +40°C

On polymerised joint:

Hardness, Shore A	DIN 53 505	: 40
Modulus of elasticity (at 100%)	ISO 8339	: 0.40 MPa
Modulus at break	ISO 8339	: 0.60 MPa
Elongation at break	ISO 7389	: >70%
Surface temperature		: -20°C ≤ T ≤ +80°C

Chemical resistance (for guidance): water, cleaning agents, accidental spray with oils, Hydrocarbons and diluted acid bases.

Due to sensitivity of polyurethane to UV rays, light shades change colour. This change in appearance does not modify their mechanical properties or leak tightness.

**Classification and guarantee:** (complete copy of documents available on request)

Test report CEBTP N°B252.3.069/1: tiles adhesion certificate.

On-site manufacturing certified by ISO 9001.

### Application

#### Preparation of surfaces:

Surfaces must be clean, dry and free of dust, grease or parting compound. Concrete surfaces must be dry and stable (at least 4 weeks). Users must check that the mastic is compatible with the surface in terms of adhesives, staining and chemical compatibility (test a section first). On siliconed tiles, test a section first.

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## Making the joint:

Apply the mastic by cord or by studs.

Heavy materials exceeding 8kg/m<sup>2</sup> must be supported for at least 15 hours.

Clean equipment with white spirits before drying. Polymerised mastic can be scraped off.

This product may be painted after polymerisation is complete. Use acrylic or vinyl dispersion paints after testing a section.

## Consumption

Applicable joint length with a 600ml cartridge (in meters):

Joint depth (in mm)	Joint width (in mm)				
	4	6	8	12	20
4	37	25	19	13	7.4
6	-	17	13	8.3	5.0
8	-	-	9.3	6.2	3.7
10	-	-	-	5.0	3.1

## Shelf Life

9 months from the manufacture date, in its original unopened packaging away from humidity.

## Storage

Store in a properly ventilated room at a maximum temperature of 30°C.

## Health and Safety

Refer to MSDS sheet

## Quality Assurance

Joluka (Pty) Ltd production and testing programmes comply with local testing standards.