

## TECHNICAL DATA SHEET (TDS)

**BeSealed**<sup>®</sup> fixing glue ensures fast and strong fixation of water swellable sealing bars to concrete. The fast skin formation and curing allows concrete casting after a few hours. Moreover, **BeSealed**<sup>®</sup> fixing glue has excellent adhesion strength even on wet concrete surfaces. Fixing glue can be applied for both **Polybar+** and **Bentobar+**.

### CHEMICAL BASE

- Durable elastic one-component adhesive based on MS hybrid polymer

### TECHNICAL DATA

Colour	Grey
Processing temperature with 50% RH	+5 up to +40°C
Volume change (DIN 52451)	Approx. 6%
Consistency	Very thixotropic
Density at 23°C	1.40 +/- 0.05 g/cm <sup>3</sup>
Skin formation time at 23°C / 50% RH	Approx. 5 minutes
Curing rate (24hours at 23°C / 50% RH)	Approx. 3.5 mm
Temperature stability after curing	-40°C up to + 90°C (200°C for short time)
Hardness (ShA), DIN 53505, after 3 weeks storage at 23°C / 50% RH	50 +/- 2
Elongation modulus at 100% (DIN 53504 S2)	Approx. 1.6 N/mm <sup>2</sup>
Tensile strength (DIN 53504 S2)	Approx. 3.0 N/mm <sup>2</sup>
Elongation at break (DIN 53504)	Approx. 300%

### CHEMICAL RESISTANCE

- Good: against water, aliphatic solvents, oils, fat, watered inorganic acids and alkalis
- Moderate: against esters, ketone and aromatics.
- Not resistant: against concentrated acids and chlorinated hydrocarbons.
- Completely weather resistant

### APPLICATION GUIDELINES

- No primer is required when applying BeSealed® fixing glue on a clean concrete surface.
- For optimal adhesion, a stable, clean, dust, oil and fat-free surface is recommended. If required, cleaning with acetone or isopropanol is recommended.
- Optimal fixation is achieved when the full contact area of the water swellable sealing bar is covered with glue.
- After gluing, the water swellable sealing bar needs to be pressed down, to ensure full contact with the glue underneath and achieve optimal adhesion.

## STORAGE CONDITIONS

- Maximum 15 months storage from production date in its original unopened carton.
- Storage is recommended in a dry and cool area with temperatures between +5°C and +25°C.

## PACKAGING

Cartridge	Cartridges/Box	Boxes/Pallet
290 ml	12	96

## SAFETY AND ENVIRONMENT

- Non-dangerous goods. Not subject to classification given current GHS regulations. Important information about work and environmental security can be found in the MSDS.