



# 640SL

## SELF LEVELING PU SEALANT

**Akfix 640SL** is a one-component self-leveling polyurethane sealant ideal for horizontal applications. Its elasticity allows it to **absorb continual movements of the structure** caused by thermal changes without problems of cracking.

### FEATURES & BENEFITS

- 1-component, no mixing required
- Self-leveling consistency, easy to apply in horizontal joints
- Possesses permanent elasticity
- High adhesion strength
- Capable of  $\pm 25\%$  joint movement
- Paintable

### APPLICATION AREAS

- Used for sealing of horizontal joints
- Interior and exterior areas
- Expansion joints between many different construction materials
- Control joints
- Industrial floors
- Driveways/Garages
- Sidewalks
- Decks

Absorbs  
Continual  
Movements of  
the Structure

### INSTRUCTIONS

- Before application, be sure that joint surfaces are clean, dry and free of all contamination.
- Apply sealant evenly, If necessary, use masking tape and remove the tape while the sealant is still wet.
- Joint dimension should allow for 6 mm minimum and 12 mm maximum thickness for sealant.
- Proper design is 2:1 width to depth ratio.
- If necessary, use back up material to adjust joint depth.



### Consumption (approx.)

Joint width	12 mm	20 mm	24 mm
Joint Depth	6 mm	10 mm	12 mm
Joint length / 600 ml	6 meters	3 meters	2 meters

### Surface Preparation

Brush and remove dust before applying on concrete and other alkaline surfaces.

### STANDARDS

Meets or exceeds the requirements of the following specifications:

- CE marked for EN 15651 for façade applications.
- ISO 11600 F 25 LM

### RESTRICTIONS;

- Avoid application below +5 °C and above +35 °C.
- Do not apply on frozen or wet surfaces or through standing water.
- Do not apply on curing silicones.
- Minimum depth for working joint is 6 mm.
- Maximum expansion and contraction should not exceed 25% of average joint width.

### STORAGE AND SHELF LIFE;

- 15 months if stored in its original package, away from direct sunlight and moisture, between +10 °C and +25 °C

### SAFETY & DISPOSAL

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.



## PROPERTIES

BEFORE CURING	
<b>Basis</b>	: Polyurethane
<b>Consistency</b>	: Self-leveling
<b>Curing Mechanism</b>	: Moisture Curing
<b>Density</b>	: 1,17±0,03 g/ml
<b>Tack free time</b>	: Approx. 60 min (23°C and 50% R.H)
<b>Curing Rate</b>	: Min. 2,00 mm/days (23°C and 50% R.H)
<b>Application Temperature</b>	: +5°C to +35°C

AFTER CURING		
<b>Hardness Shore A</b>	: 20-25	ISO 868 ( After 28 days)
<b>Paintability</b>	: Yes *	
<b>Elastic Recovery</b>	: ≥ 70%	ISO 7389
<b>Movement Capability</b>	: 25 %	
<b>Elongation at break</b>	: ≥%500	ASTMD412
<b>Tensile Strength</b>	: 0,75-1.5 N/mm <sup>2</sup>	ASTMD412

## PRODUCT

Product Type	Volume	Package
Concrete Grey (Cartridge)	310 ml	12
Concrete Grey (Sausage)	600 ml	12

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