



638TD

TEXTURED POLYURETHANE SEALANT

Akfix 638TD is a one-component, non-sag polyurethane sealant that cures on exposure to atmospheric humidity. Textured appearance matches well with rough, irregular, stucco and concrete type surfaces.

FEATURES & BENEFITS

- Textured appearance fits well on rough, irregular, stucco and concrete surfaces,
- Low VOC, less than 30 g/liter,
- Possesses permanent elasticity,
- No sagging – Thixotropic,
- No surface tackiness after full cure, does not pick up dirt,
- No shrinkage,
- Can be applied with hand gun and tooled easily,
- Paintable.

APPLICATION AREAS

- On both vertical and horizontal joints in walls, around window and door frames
- Weatherproofing of joints between concrete, masonry, brickwork etc.

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 soft,
- Joint width/depth ratio should be 2:1 (Table 1),
- If necessary, use back up material to adjust joint depth,
- Sealants should adhere to only two surfaces of the joint: Use backer rods and bond breakers to facilitate.

Perfect Coherence
on Rough,
Irregular, Stucco
and Concrete



Consumption (approx.)

Joint width	15 mm	20 mm	25 mm
Joint Depth	8 mm	10 mm	12 mm
Joint length / 310 ml	2.5 meters	1.5 meters	1 meters

Surface Preparation

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

STANDARDS

Meets or exceeds the requirements of the following specifications:

- The requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.
- CE marked for EN 15651 for façade applications.

RESTRICTIONS;

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Do not use in applications where continuous water immersion is possible.
- Do not apply on frozen or wet surfaces or through standing water.
- Prolonged exposure to direct sunlight can cause discoloring.
- Avoid application below 5 °C and above 40 °C.

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

Basis	: Polyurethane	
Consistency	: Thixotropic	
Curing Mechanism	: Moisture Curing	
Density	: 1,08±0,03 g/ml	
Tack free time	: 60±10 min (23°C and 50% R.H)	
Curing Rate	: Min. 3mm/day (23°C and 50% R.H)	
Sagging	: 0 mm	(EN ISO 7390)
Temperature Resistance	: -40°C to +70°C	
Application Temperature	: +5°C to +40°C	

AFTER CURING

Hardness Shore A	: 50±5	After 28 days (ISO 868)
Paintability*	: Yes	
Elongation at break	: > 300%	(ISO 37)
Tensile Strength	: Min. 2,5 N/mm ²	(ISO 37)

*Considering the diversity of paint base and quality, compatibility tests should be done the before application.

PRODUCT

Product Type	Volume	Package
Concrete Grey	310 ml	12

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.