



EXTREMELY FLEXIBLE PLASTOELASTIC SEALANT BASED ON SPECIAL ACRYLIC DISPERSION.

PROPERTIES

- Extremely elastic and durable.
- Mould resistance.
- Excellent mechanical properties.
- Good adhesion on porous materials as well as on some non-porous ones, such as glass, different types of metal, etc.
- VOC free.
- Easy application.
- Does not slump in vertical joints.
- Can be used for sealing moist surfaces.
- Once fully cured it becomes water resistant.
- Once fully cured it can be painted.
- Resistant to various atmospheric effects, sunlight and ageing.
- Solvent-free.
- Easy to clean with water.

TESTS AND CERTIFICATES

EN 15651-1,3
ISO 846
EMICODE EC 1+

CE
fungicide test
emissions test

USE

- For sealing various materials - concrete, wood, plaster, ceramic tiles, plasterboards, glass, aluminium, metals, PVC, etc.
- Different industrial applications and construction industry where permanent and elastic sealing is required.
- For sealing window and door frames.
- For sealing joints between plasterboards and concrete elements.
- Bathroom sealing.
- For sealing joints between skirting boards and plaster.
- For sealing ventilation system and air conditioning devices.
- For sealing gaps and joints prior to painting.

TECHNICAL DATA

Fresh sealant

Base
Appearance
Curing mechanism

acrylic dispersion
paste
water evaporation

Specific gravity		1500 ± 20 kg/m ³
Skin formation time	23 °C/50 % rel. humid.	10-15 min.
Application temperature		between +5 °C and +40 °C

Cured sealant

Hardness Shore A	ISO 868	25-30
Tensile strength	ISO 8339	0.2-0.02 MPa
Elongation at break	ISO 8339	100 ± 10 %
Change in volume	ISO 10563	20 ± 2 %
Temperature resistance		between -20 °C and +75 °C

APPLICATION

Surface preparation:

Surfaces to be sealed should be hard, clean, dust and fat free.

Remove all separated and badly attached pieces. TKK SEAL OUTDOOR ACRYL can be applied on moist surfaces.

Joint and cartridge preparation:

- For better adhesion use a primer, which consists of TKK SEAL OUTDOOR ACRYL sealant and water [1 part sealant + 3 parts water]. Wet the surface with a brush or cloth and leave for a few minutes.
- Cut the cartridge at the top and screw on the nozzle, which has to be cut according to the width of the joint/seam and placed in the gun. During work interruption release the handle on the gun and pull the piston back. The sealant should be applied as evenly as possible. You can also use a spatula.
- At the end, use a smoothing tool - a TKK smoothing instrument, or a finger dipped in water to level the sealant before the skin starts to form. It is very important to press the sealant well against the surface to be sealed.
- After use fresh sealant and tools can easily be cleaned with water. Hardened adhesive can be removed mechanically.

Joint length (mm)	Joint width (mm)				
	4	6	8	10	12
4	18.7	12.5	9.3		
6		8.3	6.2	5.0	
8			4.7	3.7	
10				3.0	

The table shows how many linear metres of joints we can seal with one 300 ml cartridge relative to the width and depth of the joint.

PACKAGING

- 300 ml cartridge.
- 600 ml, 400 ml s.ausage
- 200 l drum.
- Other types of packaging are available by agreement.

STORAGE

18 months in a dry space at temperature range between 5 °C and 25 °C, in originally closed packaging.

HEALTH, SAFETY HANDLING AND DISPOSAL INFORMATION

Additional information on safety, safe handling instructions and personal protective equipment as well as disposal information are available in a safety data sheet. Safety data sheet is available upon request. You can also ask your TTK distributor for a copy.

WARNING

Instructions contained in this document are based on our research and experience, however, due to specific conditions and working methods we recommend that you perform preliminary tests prior to any application of our products.

TKK TTK d. o. o. · Srpenica 1, 5224 Srpenica, Slovenija
+386 [0] 5 38 41 300 | info@tkk-group.com | www.tkk-group.com