TEKASIL
SANITAR NEUTRAL

PROPERTIES

- It prevents mould to form on silicone due to special admixture.
- Does not slump in vertical joints.
- Excellent adhesion to most construction material without primer application.
- For good adhesion onto porous materials use Primer KVZ 16.
- Good mechanical properties.
- Movement accommodation up to 20%.
- Resistant to atmospheric effects, UV-light and ageing.
- Resistant to various chemicals.
- Does not cause corrosion.
- Wide selection of colours (see colour chart).

TESTS AND CERTIFICATES

EN 15651-1:2012 F-EXT-INT-CC – CE marking,
EN 15651-2:2012 G-CC – CE marking,
EN 15651-2:2012 S – CE marking.

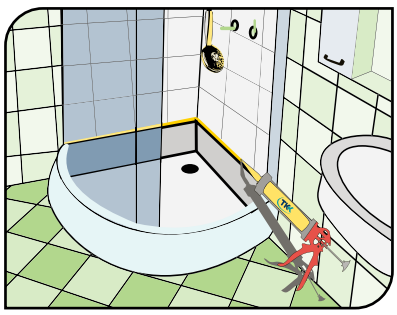
USE

For sealing joint in rooms where mould can form (bathrooms and basements). For installing glass into wooden, aluminium and PVC frames, and for sealing expansion joint on façades. For glazing and sealing joints between window frames and doors, final joints between shelves and wall, window blinds frames, for gluing window sills and slats, and for sealing joints in silos, storage tankers and containers.

TECHNICAL DATA

Fresh sealant

Basis		neutral oxime silicone
Appearance		paste
Curing mechanism		by air humidity
Specific gravity		975±10 kg/m³ (transp.) 1275±10 kg/m³ (coloured)
Skin formation time	23°C/50% rel. hum.	7 min.
Hardening time	23°C/50% rel. hum.	2 mm/day
Resistance to flow	ISO 7390	0 mm
Application temperature		between +5°C and +40°C



Tekasil Sanitar Neutral

Neutral sealant with permanent elasticity with excellent adhesion to all construction materials (concrete, brick, wood, steel, aluminium, different types of plastic, foam concrete, ceramics, plasterboards, glass, klinker, metal, porcelain, Styrofoam and enamel). It is also suitable for use in rooms where mould can form.

Prevents mould

For interior and exterior use

Good workability at high and low temperatures

Cured sealant

Hardness Shore A	ISO 868	15–25
Tensile strength	ISO 8339	0,50–0,70 MPa
Module E 100%	ISO 8339	<0,4 MPa
Elongation at break	ISO 8339	150–250%
Tensile strength	ISO 37	>1,20 MPa
Elongation at break	ISO 37	250–350%
Change in volume	ISO 10563	>10%
Elastic recovery	ISO 7389	>90%
Temperature resistance		between -40°C and +150°C

APPLICATION

Prior to use it is recommended to perform an adhesion test to verify adhesion of the sealant to the substrate.

Surface preparation:

The surface of the joint must be dry, hard, clean, dust and fat free. Remove all separated and badly attached pieces.

Joint and cartridge preparation:

- For good adhesion onto porous materials use Primer KVZ 16, or if a joint is exposed to water Primer KVZ 12 (see technical data sheet Primers).
- If you want joints to look nice tape the edges with a masking tape.
- Cut the cartridge at the top and screw on the nozzle, which has to be cut according to the width of the joint 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.
- At the end, use a smoothing tool - a TKK smoothing instrument, or a Smoothing agent soaped finger 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.
- Remove the masking tape before the sealant starts to harden.
- Admixture against mould formation washes away with water. Anti-mould effect can be extended by drying the joints and aerate the room well.
- Fresh sealant and tools can be cleaned with the Tekafin cleaner, hardened sealant should be removed mechanically first and then with a cleaner for hardened silicone - Tekapursil S or Apursil.

Joint depth (mm)	Joint width (mm)					
	6	8	10	12	15	20
6	8,3	6,2	5,0	4,2		
8		4,7	3,7	3,1	2,5	
10			3,0	2,5	2,0	1,5
12				2,1	1,7	1,3
15					1,3	1,0
20						0,75

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

Correct dimensioning of expansion joints:

For optimal elasticity of a sealant the correct ratio width:depth is of extreme importance. The ratio is 2:1, 1:1 maximum. Sealant should not adhere to the bottom of the joint gap but only to its sides. This can be achieved with the use of Tekatrak Back filling tape. The minimum and maximum joint width is 6mm and 20mm, respectively.

PACKAGING

- 280ml cartridge
- 600ml, 400ml, 300ml sausage
- 200l drum

Other packagings are available by agreement

STORAGE

12 months in a dry and cold place under 25°C in originally closed packaging; sausages 18 months.

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 TKK 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 d.o.o., Srpenica 1, 5224 Srpenica, Tel: +386 38 41 300, info@tkk.si, www.tkk.si