



TEKASIL

Neutral



TEKASIL neutral is a permanently elastic, neutral silicone one-component sealant used for sealing joint of various materials

PROPERTIES

- Does not slump in vertical joints
- Excellent adhesion to most materials in construction without a primer
- For good adhesion onto porous materials, use primer KVZ 16, an primer LF for some plastics
- Good characteristics
- Movement accomodation up to 20%
- Resistant to various weather conditions; rain, snow, extreme temperatures
- Resistant to chemicals
- UV resistant
- Does not cause corrosion
- A wide selection of colours (see colour chart)

USE

- For sealing joint of various materials (glass, wood, concrete, stone, ceramics, metal, aluminum, most plastics)
- Not suitable for glazing

TECHNICAL DATA

Uncured sealant

Basis		neutral oximic silicone
Form		paste
Curing mechanism		moisture curing
Specific gravity		1000 ± 10 kg/m ³ (transp.) 1300 ± 10 kg/m ³ (tcoloured)
Skin formation time	23°C/50% rel. humid	5 - 20 min
Hardening time	23°C/50% rel. humid	2 mm/day
Resistance to flow	ISO 7390	0 mm
Application temperature		+5°C to +40°C

Hardened sealant

Hardness Shore A	ISO 868	15 - 25
Tensile Strenght	ISO 8339	0,40 - 0,70 MPa
Module E 100%	ISO 8339	0,30 - 0,50MPa
Elongation at break	ISO 8339	200 - 300%
Tensile strength	ISO 37 rod 1	> 1,20 MPa
Elongation at break	ISO 37 rod 1	200 - 400%
Change in volume	ISO 10563	> 10%
Elastic recovery	ISO 7389	98%
Temperature resistance		-40°C to +150°C

APPLICATION

Surface preparation:

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

Joint and cartridge preparation:

- For better adhesion onto porous surfaces use Primer KVZ 16 or, if the joint is in contact with water, the Primer KVZ 12. The adhesion onto some plastics can be improved with the primer LF, but we recommend prior testing.
- If you want joints to look nice tape the edges with 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, level the sealant with an appropriate instrument or a well soaped finger.
- Remove the masking tape before the sealant starts to harden.
- 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
6	8,3	6,2	5	4,2
8		4,7	3,7	3,1
10			3,0	2,5
12				2,1

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.

PACKING

- 280 ml cartridges (A carton of 20 pieces)
 - 300 ml, 400 ml or 600 ml sausage
 - 200 l barrels
- Other ways of packing are available on demand.

STORAGE

12 months in a dry, cool place under 25°C, in the originally sealed package, sausages 18 months.

SAFETY PRECAUTIONS

Keep out of the reach of children. Wear suitable gloves. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Use only in well-ventilated areas.

ATTENTION

The information supplied is accurate to the best of our knowledge and is based on reliable tests and practical experiences. Properties quoted are intended, as a guide and do not therefore constitute a specification. You should thoroughly test any application to be sure that product corresponds to the required performances.