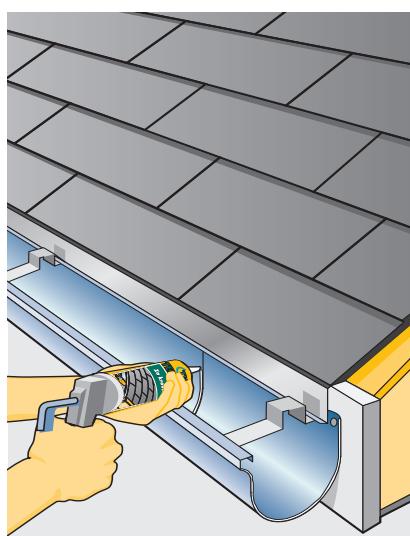




TEKASIL

For roofers



Tekasil for roofers is a permanently elastic, neutral, silicone, one-component sealant used to glue and seal gutters and vents.

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
- Good characteristics
- Movement accommodation up to 25%
- Resistant to various weather conditions: rain, snow, extreme temperatures
- Elastic at low temperatures (-40°C) and high temperatures (180°C)
- Should be applied at temperature from +5°C to +40°C
- Resistant to chemicals
- UV resistant
- Does not cause corrosion
- Is not subjected to the formation of cracks on the surface
- Colour: brown RAL 8019; other colours also possible depending on the quantity of the sealant you need

USE

- Ideal for sealing gutters, vents, lightning objects, overlapping materials, roof vents.
- It is also suitable for sealing surfaces between pipes and plaster; shelves and ceramics; metal parts on the roof and the wall and for sealing various materials chimneys are made of.
- It can be used to glue and seal joints on various surfaces: tinned sheets, painted and non-painted sheet metal, aluminium, tin, copper, brass, steel, lead, iron and stone.

TECHNICAL DATA

Uncured sealant

Curing mechanism	by air humidity
Form	paste
Specific gravity	1300 ± 10 kg/m ³
Skin formation time	23°C, 50% rel. humid.
Hardening time	23°C, 50% rel. humid.
Resistance to flow	2 mm/day
Application temperature	0 mm
	+5°C to 40°C

Hardened sealant

Hardness Shore A	ISO 868	25-30
Tensile strength	SIST EN 28339	(0.5 - 0.8) MPa
Module E 100 %	SIST EN 28339	(0.4 - 0.7) MPa
Elongation at break	SIST EN 28339	150 - 300%
Tensile strength	ISO 37 rod 1	> 1.5 MPa
Elongation at break	ISO 37 rod 1	250 - 400%
Change in volume	SIST ISO 10563	< 10%
Elastic recovery	SIST EN 27389	> 90%



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APPLICATION

Surface preparation:

The surface we want to apply the sealant on shall be dry, hard, clean as well as 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 (see technical sheet: Primers). The adhesion onto some plastics can be improved with the primer PL, 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, yet prior to the formation of skin, level the sealant with an appropriate instrument or a well soaped finger. It is very important to press the sealant well onto the surface which is being sealed.
- 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 cleaned with a cleaner for hardened silicone, i.e. with Tekapursil S or Apursil.

PACKAGING

- 300 ml cartridges (a carton of 20 pieces)
- 400 ml, 600 ml sausages

STORAGE

At least 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 protective clothing and gloves. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If used in closed rooms ensure the room is well ventilated.

WARNING

Instructions are given on the basis of examinations and technical experience of the firm. However, due to specific conditions and work methods, preliminary tests are advised for every type of use.