

Neutrally linking, elastic construction silicone sealant

- Application** Wikosil-NB is a diverse silicone sealant to seal joints and transfers between glass, concrete, synthetic stone, ceramics, treated wood, zinc, aluminium, non-ferrous metal, PVC -hard, etc. Wikosil-NB has good adhesion on most undergrounds common at construction sites and can be used in- and outdoors, in particular in structural engineering. This product is characterised by good UV-stability and a certain paintability in the edge area. Typical applications are window glazing, connection joints to doors, windows, tiles, in the sanitary area, for heating and ventilation tubes, cold storage, etc.
- Limitations** Do not use Wikosil-NB on oil and bitumen-containing undergrounds, PE, PP & Teflon. Special products are available for natural stone, backs of mirrors, swimming pool and aquarium construction.
- Basis** Wikosil-NB is a neutrally linking, ready-to-use single-component silicone sealant. The sealant vulcanises into a permanently elastic silicone rubber under the influence of humidity and virtually without odour. There is no danger of corrosion.
- Processing** The adhesive areas must be load-bearing, dry, clean, dust- and grease-free. Prime strongly absorbent and porous undergrounds (for more information, see item on primer). The joints to be sealed must be at least 4 mm wide and 4 mm deep. The maximum joint width must not exceed 25 mm, the maximum joint depth 10 mm. For joints in excess of 10 mm, the joint depth should not be more than half the joint width.

Joints must be pre-filled before sealing by pushing in a resilient, non-absorbent, backfilling material that must be as convex as possible so that an enlarged adhesive area remains at the joint flanks (e.g. closed-cell PE round profile). It is recommended to tape off the joint edges with glazing tape to warrant a clean and straight joint. The sealant must be injected so that there is a sufficient pressure effect on the joint flanks.

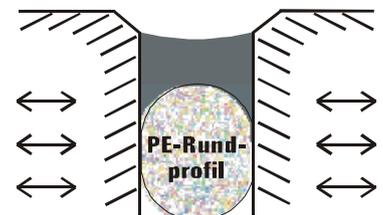


Chart of a correctly sized joint with backfilling material

Specifically observe that no bubbles are enclosed in the joint sealer. Smooth the pressed-in sealant with a suitable spatula immediately. Our smoother Wikofix GM52 has proven its worth as a moistening liquid in practice. We do not assume any warranty for damage that is caused by using common detergents. Masking tapes must be removed immediately after injection and smoothing. The sealant must be able to air freely.



Character	Elastic, neutrally linking		
Density	1.02 - 1.39 g/ml (depending on colour)		
Consistence	Pastose, stable		
Skin formation	After 5-10 min at 23°C and 55% relative humidity		
Maximum permissible total deformation	25 % for correctly sized joints (see figure on the front).		
Loss	< 3 volume-%		
Curing time/linking	2-3 mm on the first day, continually decreasing in depth		
Suitability for painting on	Paint-tolerant in the edge area		
Shore A hardness	18-30 (depending on colour)		
Temperature resilience	-40°C to +150°C (after complete linking)		
Elongation at break	Approx. 350%		
Improvement possibility	With the same material.		
Undergrounds	Glass, ceramics, enamel, treated wood, wood materials, masonry, concrete, plaster, brick, synthetic stone, metal, treated aluminium, copper, zinc, plastics common at construction sites, such as PVC-hard, acrylic (sanitary), ABS, polystyrene foam, polyester and most other undergrounds used at construction sites.		
Cleaning	Wisatyp TL 16 has proven its worth in practice for cleaning and degreasing of most non-absorbent adhesive areas. Wash hands with water and soap.		
Primer	Primer is usually not required for clean, compact undergrounds. If in doubt, we recommend performing an adhesive test fist. Pre-paint porous and strongly absorbent undergrounds with Wi-Primer V-06 to solidify the underground.		
Processing temperature	From +5 °C to +40 °C.		
Processing devices	Hand-joint guns, battery guns or compressed air guns for standard cartridges		
Standard colours	Cartridges à 310 ml	Foil bags à 400 ml	Foil bags à 600 ml
	NB 7101 transparent	NB 7101.400 transparent	NB 7101.600 transparent
	NB 7102 white	NB 7102.400 white	NB 7102.600 white
	NB 7409 silver-grey light		
	NB 7408 light grey		
	NB 7103 medium grey		
	NB 7403 dark grey		
	NB 7417 aluminium		
	NB 7106 black		
	NB 7411 oak light		
	NB 7404 brown		
Precautionary measures	Comply with diligence obligations in handling of chemicals. Keep away from children. Contains 2-butanonoxim: May trigger allergic reactions. Safety datasheet available for professional users on request.		
Shelf Life	According to best-before date in closed original packaging, at cool and dry storage.		
Delivery Form	Standard colours available ex stock in boxes of 12 cartridges à 310 ml content.		

Observe: All information are based on careful examinations in the labs and our previous practical experience. They are non-committal notes. Due to the many materials that are marketed and the different processing methods, which we cannot influence, we can, of course, not assume any warranty, including under patent-law, for the result of your work. We recommend performing sufficient own tests to find out if the product meets the respective requirements. Apart from this, we refer to our sales, delivery and payment conditions.