

## Universal, flexible silicone sealant for bonding and caulking; available from just one cartridge in any colour

### Application areas

- Silicone sealant for universal use, compatible with natural stone
- specially adapted as an «all-round silicone» for elastic bonding and sealing in the entire construction and industrial sector
  - can be used in window construction, glass construction, sanitary areas, kitchen construction, timber construction, metal construction, floor area etc.
  - ideal for joint specialists, window fitters, carpenters, apparatus construction, metal construction, bottomer feeders, interior finishing, industry etc.

### Product benefits



- elastic
- neutral cross-linking (state-of-the-art NO-MEKO technology)
- top adhesion to glass, wood, wood-based materials, parquet, masonry, concrete, stone, natural stone (incl. marble), eternit, metal and most materials commonly used in construction
- does not leave stains on the edges, making it ideal for use on delicate surfaces such as marble and granite
- good UV, weather and ageing resistance
- compatible with PVB sheets laminated safety glass
- long-lasting fungicidal formulation (sanitary areas) best possible rating score «0», i.e., no fungal growth
- fulfils the requirements of DIN EN ISO 846:2019 acc. to method A (resistance to fungi)
- almost odourless
- solvent-free (VOC-free)
- very low-emission, fulfils GEV-Emicode EC 1 Plus
- does not violate any exclusion criteria of MINERGIE-ECO
- for indoor and outdoor use
- no risk of corrosion
- hardly any surface soiling
- free of shrinkage and bubbles
- **available from stock in around 30 standard colours**
- possible to order any standard colour shade (from just one cartridge as NCS or RAL shade)

### Base

Silicone - neutral cross-linking, MEKO-free (2-butanone oxime is not formed); after extrusion, the product vulcanises under the influence of humidity, forming a silicone rubber that remains elastic, therefore allow silicone to evaporate unhindered.

### Restrictions

Not suitable for oil and bitumen-containing substrates, waxy substrates, PE, PP, Teflon<sup>®</sup>. Not recommended for mirror backsides, aquarium construction. Our range of products offers you a choice.

### Processing

The bonding surfaces must be sound, dry and free of dust and grease. Pre-coat absorbent and porous substrates with Wi-Primer V-07. Use Wi-Primer V-01 as a solvent-free alternative, e.g. in Minergie building (Swiss standard). Clean non-absorbent surfaces with Wisatyp TL 16. Check treated and non-absorbent surfaces with an adhesion test.

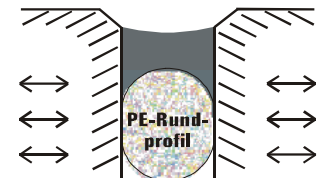
**Wikosil-color  
as sealant**

Follow the rules for joint dimensioning.  
Minimum joint width: 4 mm, minimum joint depth: 4 mm  
Maximum joint width: 25 mm, maximum joint depth: 12 mm

Joint depth	Joint width							
	4 mm	5 mm	6-7 mm	8-10 mm	12 mm	15 mm	20 mm	25 mm
4 mm								
5 mm								
6 mm								
7 mm								
8 mm								
10 mm								
12 mm								

Optimum dimensions for moving joints  
 Limit dimension for slightly moving joints  
 Dimension for non-stressed joints

Before sealing, the joints must be pre-filled by pressing in a resistant, non-absorbent, preferably convex backfill material so that there is an enlarged adhesive surface on the joint flanks. For this purpose we recommend PE round profiles from our product range.



We recommend masking the edges of the joint with masking tape to ensure a clean and straight joint.

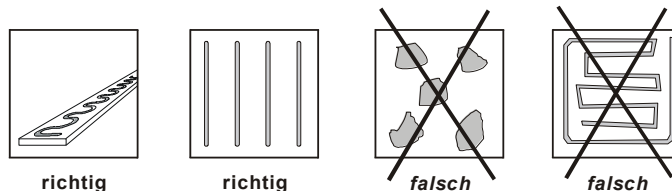
The sealant must be sprayed in such a way that sufficient pressure is exerted on the joint flanks. In particular, make sure that no air bubbles are trapped in the joint sealing compound.

Smooth the pressed-in sealant with a suitable joint spatula before skin formation. For smoothing joints, our smoothing compound Wikofix GM 52 has proved its worth in practice.

We accept no liability for damage caused by the use of commercially available detergents.


The masking tape must be removed immediately after application.

**Wikosil-color  
as adhesive**



Vertical bead application is recommended to ensure adequate air humidity during curing.

If possible, interrupt longer beads occasionally.

<b>Density</b>	standard colours: ca. 1.27 g/cm <sup>3</sup> transparent and special colours: ca. 1.04 g/cm <sup>3</sup>
<b>Consistency</b>	pasty, firm
<b>Skin formation</b>	after 5 - 10 min under normal conditions (+23 °C, 50 % rel. humidity)
<b>Volume shrinkage</b>	<2 - 3 % by volume
<b>Max. total deformation</b>	20 % for standardised joints
<b>Setting time</b>	ca. 2 - 3 mm on the first day, then decreasing in depth
<b>Recoatability</b>	limited paint compatibility in the border area
<b>Shore A hardness</b>	standard colours: ca. 40 transparent and special colours: ca. 25
<b>Temperature resistance</b>	from -40 °C up to +160 °C (after complete cross-linking)
<b>Breaking elongation</b>	ca. 350 %
<b>Repairing</b>	can be repaired with the same material
<b>Substrates</b>	Glass (incl. etched or sand-blasted), ceramics, enamel, wood-based materials, wood, parquet, masonry, concrete, plastering, brick, clinker, stone, natural stone, marble, granite, sandstone, eternit, metal, treated aluminium, copper, zinc, plastics commonly used in construction, e.g. solid PVC, polyacrylate (acrylic glass), acrylic (sanitary), polystyrene and most other substrates encountered in construction. For further surfaces, you will need to carry out your own tests.
<b>Cleaning agents</b>	Wisatyp TL 16 for cleaning non-absorbent adhesive surfaces and fresh product residues. The cured product can normally only be removed mechanically. For polyacrylate (acrylic glass) and polycarbonate only use Wisaclean R 216. To wash your hands, please use water and soap.
<b>Processing temperature</b>	from +5 °C up to +40 °C
<b>Frost resistance</b>	up to -15 °C (during transport)
<b>Certificates / Norms</b>	<ul style="list-style-type: none"><li>▪ GEV-EMICODE EC 1 Plus</li><li>▪ ecobau certificate: MINERGIE-ECO assessment confirmation</li><li>▪ EN 15651-1: F EXT-INT (façade joints)</li><li>▪ EN 15651-2: G (glazing joints)</li><li>▪ EN 15651-3: XS1 (sanitary joints)</li><li>▪ EN 15651-4: PW INT (floor joints)</li></ul>
<b>Further information</b>	 More information about this product (current technical data sheet, safety data sheet, certificates, product variants, etc.) can be found via the adjacent QR code.

**Standard colours**  
Item no. + Colour

cartridge of 310 ml

NSC 6401 transparent	NSC 6432 pine
NSC 6402 white	NSC 6447 bahamabeige
NSC 6418 joint white	NSC 6424 beige grey
NSC 6438 grey-white	NSC 6463 grey beige
NSC 6423 perl grey	NSC 6442 wood beige
NSC 6419 jasmine / light beige	NSC 6429 maple
NSC 6409 light grey	NSC 6446 beech undamped
NSC 6408 light grey	NSC 6411 oak
NSC 6415 manhattan grey	NSC 6434 beech / dark beige
NSC 6403 concrete grey	NSC 6439 beech-red
NSC 6473 medium grey	NSC 6414 light brown
NSC 6413 dark grey	NSC 6449 medium brown
NSC 6407 anthracite	NSC 6404 dark brown
NSC 6444 brown black	NSC 6427 dark brown-grey
NSC 6406 black	

**Special colours acc. to  
RAL or NCS**

**Wikosil-color is available from just one cartridge in any colour shade produced.** Special colours are only available on written order by e-mail, specifying the NCS or RAL colour of choice. Delivery time for special colours ca. 2 weeks, plus any public holidays and company shutdown periods.

**Delivery form**

Packing unit of 12 cartridges of 310 ml  
Packing unit of 12 tubular bags of 600 ml (available only on request in large quantities)

**Shelf life**

In closed original packaging, protected from direct sunlight and stored in a dry place between +15 °C and +25 °C, the official shelf life is 16 months (standard colours) and 6 months (special colours) from production date (the printed expiry date is decisive).

**Safety and disposal:** Familiarise yourself with the valid Safety Data Sheets (SDS) for the products used. All applicable safety regulations and disposal instructions must be observed.

**Observe:** All information is 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. In addition, we refer to our terms and conditions of sale, delivery and payment, available at [www.wisabax.ch/agb.html](http://www.wisabax.ch/agb.html). © Wisabax AG - This technical data sheet replaces all older versions.

Have you noticed an unclear formulation or an error? Thank you for your feedback. In case of doubt, the German version of the technical data sheet applies.