

## Fast-setting, flexible assembly adhesive and sealant for facade and floor joints

### Application areas

- High-quality adhesive and sealant for
- the entire construction sector and industry
  - assembly works (elastic mounting adhesive)
  - building construction joints (for indoor and outdoor use, F 25 HM)
  - floor joints in the pedestrian zone
  - food industry
  - window and door construction
  - ideal for metal construction specialists, joint specialists, window fitters, painters, plasterers, carpenters, plumbers etc.

### Product benefits



- rapid through-curing
- solvent-free (VOC-free)
- very low-emission, fulfils GEV-Emicode EC 1 Plus
- paintable / recoatable, lacquerable
- elastic, high-modulus
- seam and joint filling
- top adhesion to most, even slightly damp substrates like metals, beton, wood-based materials, many plastics etc.
- non-foaming, free of shrinkage and bubbles
- almost odourless
- no risk of corrosion
- good UV and weather resistance
- resistant to saltwater
- sandable after complete hardening
- absorbs acoustic and mechanical vibrations
- ISEGA Declaration of clearance (food industry)
- cured compound can be stove-enamelled (25 min at +200 °C)

### Base

MS-Polymer (Hybrid); cross-linking is chemically neutral with air humidity, therefore allow the sealant to air freely.

### Restrictions

Not suitable for PE, PP, PC, PTFE (Teflon<sup>®</sup>), neoprene, natural stone, mirrors, chlorinated water (pools), bitumen, waxy substrates. Adhesion to transparent materials under the direct influence of UV rays on the adhesive surface is only guaranteed to a limited extent in the long term. Not recommended for direct contact with food.

### Cleaning agents

Wisatyp TL 16 for cleaning non-absorbent adhesive surfaces and fresh product residues. The cured product can normally only be removed mechanically. To wash your hands, please use water and soap.

### Processing

The bonding surfaces must be sound and free of dust and grease. Pre-coat highly absorbent and porous substrates with Wi-Primer V-01. Clean non-absorbent surfaces with Wisatyp TL 16.

Check treated and non-absorbent surfaces with an adhesion test. In many cases, the adhesion of delicate surfaces can be significantly improved with the following primer: Wi-Primer V-23 or Wi-Primer V-03.

**Processing  
as sealant**

We recommend masking the edges of the joint with masking tape to ensure a clean and straight joint. The sealant must be applied in such a way that sufficient pressure is exerted on the joint flanks. Apply a suitable joint filler to the pressed sealant prior to 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. Masking tapes must be removed immediately after spraying and smoothing.

Follow the rules for joint dimensioning.

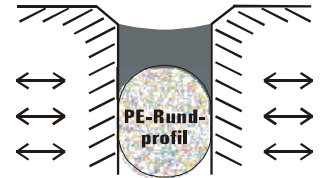
Minimum joint width: 5 mm, minimum joint depth: 5 mm

Maximum joint width: 30 mm, maximum joint depth: 14 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								

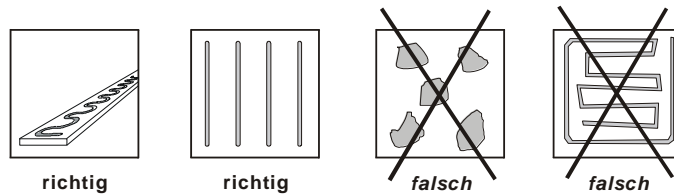
Optimum dimensions for moving joints  
 Limit dimension for slightly moving joints  
 Dimension for **non-stressed joints**

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.



**Processing  
as adhesive**

Apply the adhesive evenly at intervals of approx. 10 cm in vertical beads. If possible, interrupt longer beads occasionally. Join the parts to be glued together before skin formation; if necessary, fix until sufficient strength is achieved (ca. 24 h). Do not press the adhesive too flat.



To ensure this in practice, we also recommend using single-sided or double-sided adhesive tape for critical applications (e.g. Wikofix-DK) with a thickness of about 3 mm to distribute the distances evenly.

**Density**

ca. 1.56 g/ml

**Consistency**

pasty, firm

<b>Skin formation</b>	ca. 10 min under normal conditions (+23 °C, 50 % rel. humidity)
<b>Volume shrinkage</b>	<3 % by volume
<b>Max. total deformation</b>	25 % under continuous strain in practice (F 25 HM)
<b>Setting time</b>	ca. 3 mm on the first day, then decreasing in depth
<b>Recoatibility</b>	<p>Can be overpainted wet-on-wet with many lacquers immediately after application. Can be painted over after complete cross-linking with most paint systems, except mineral paints. Due to the many color formulations used in practice, in-house tests are necessary. The use of alkyd resins and synthetic resin paints may cause a delay in the drying process.</p> <p>Hint: Moving joints generally should not be painted over, as most paints cannot cope with large movements, which can lead to cracking of the paint later on.</p>
<b>Shore A hardness</b>	ca. 52
<b>E-modulus 100 %</b>	ca. 1.15 N/mm <sup>2</sup> (acc. to DIN 53504 S2)
<b>Temperature resistance</b>	-40 °C until +90 °C (after complete cross-linking); completely cured product can be stove-enamelled (25 min at +200 °C)
<b>Breaking elongation</b>	ca. 350 % (acc. to DIN 53504 S2)
<b>Recovery capacity</b>	>80 %
<b>Tensile strength</b>	ca. 2 N/mm <sup>2</sup> (acc. to DIN 53504 S2)
<b>Repairing</b>	can be repaired with the same material
<b>Substrates</b>	Beton, compact masonry, facade elements, ceramic, enamel, treated aluminium, steel, galvanized steel, non-ferrous metals, PVC-hard, glass, polyester, epoxy, polystyrene foam (EPS/XPS), many thermoplastics and duroplastic plastics (except PE and PP), treated wood, wood-based materials etc. For further surfaces, you will need to carry out your own tests.
<b>Processing temperature</b>	from +5 °C until +40 °C
<b>Frost resistance</b>	until -15 °C (during transport)
<b>Certificates / Norms</b>	<ul style="list-style-type: none"> <li>▪ GEV-EMICODE EC 1 Plus</li> <li>▪ EN 15651-1: F EXT-INT CC 25 HM (façade joints)</li> <li>▪ EN 15651-4: PW EXT-INT CC 25 HM (floor joints)</li> <li>▪ EN 15651-3: Sanitary type XS3</li> </ul>

**Further information**



You can find more information about this product (link to the product on our homepage, safety data sheet, certificates, special enquiries etc.) under the adjacent ISOPIN QR code.

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<b>Item no. + Colour</b>	<b>MSK 6144.62 white</b> - cartridge à 290 ml / 452 g <b>MSK 6144.63 grey</b> - cartridge à 290 ml / 452 g
<b>Delivery form</b>	carton box of 12 cartridges à 290 ml / 452 g
<b>Shelf life</b>	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 18 months from date of production (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.