Wikoplast®-color

Elastic MS polymer sealant and adhesive, special colours according to RAL and NCS, possible from just one cartridge

Application areas

Wide range of sealing and elastic bonding applications
- for façade joints, door and window junctions
- for floor joints, parquet , laminate and countless other sealings in the entire building sector
- in vehicle and boat construction as well as for many industrial applications
- for the elastic bonding of window sills, steel sheets, stair treads, prefabricated elements and many other parts
- ideal for joint specialists, metal construction specialists, window fitters, painters, plasterers, carpenters, industry, apparatus construction etc.

Product benefits

- permanently elastic, high-modulus
- neutral cross-linking
- solvent-free (VOC-free)
- almost odourless
- high elasticity
- recoatable and wet-on-wet lacquerable with most paints, varnishes and parquet sealants
- good adhesion to most, even slightly damp substrates like concrete, masonry, stone, plastering, parquet, wood-based materials, metals, various plastics etc.
- non-foaming, free of shrinkage and bubbles
- seam and joint filling
- no risk of corrosion
- good saltwater, moisture, UV and weather resistance
- good ageing resistance
- non-sensitive to frost
- for indoor and outdoor use

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, PA, PMMA, PTFE (Teflon®), neoprene, bitumen, swimming pool joints, glazing and waxy substrates. Not compatible with the PVB film of LSG.
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.

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 absorbent and porous substrates with Wi-Primer V-07.
Use Wi-Primer V-01 as a solvent-free alternative.
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.

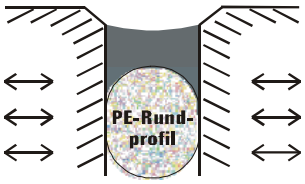
Processing as sealant

Follow the rules for joint dimensioning.
Minimum joint width: 5 mm, minimum joint depth: 5 mm
Maximum joint width: 40 mm
The sealant should not be deeper than the width of the joint.

	Joint width							
Joint depth	**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.



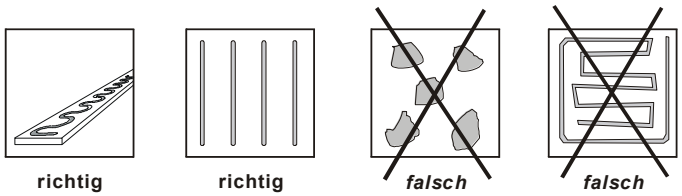
We recommend masking the edges of the joint with masking tape to ensure a clean and straight joint.

The sealant must be sprayed in such a way that sufficient pressure is exerted on the joint flanks. 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.

Masking tapes must be removed immediately after spraying and smoothing.

Processing as adhesive



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

	Apply the adhesive evenly at intervals of approx. 10 cm in vertical beads. Join the parts to be glued together before skin formation; if necessary, fix until sufficient strength is achieved (ca. 24 h).
Density	ca. 1.2 g/ml
Consistency	pasty, firm
Skin formation	ca. 20 min under normal conditions (+23 °C, 50 % rel. humidity)
Volume shrinkage	<3 % by volume
Max. total deformation	20 % under continuous strain in practice
Setting time	ca. 2 - 3 mm on the first day, then decreasing in depth
Recoatability	Can be overpainted wet-on-wet with many lacquers immediately after application. Floor joints are to be painted over with most paint systems after complete cross-linking. Due to the many colour formulations used in practice, own tests are necessary. The use of alkyd resins and synthetic resin paints may cause a delay in the drying process. 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.
Shore A hardness	ca. 40
Temperature resistance	from -40 °C up to +90 °C (after complete cross-linking)
Tensile strength	ca. 1.1 N/mm²
Repairing	can be repaired with the same material
Substrates	Concrete, compact masonry, stone, facade elements, ceramics, enamel, aluminium, steel, galvanized steel, zink, copper, non-ferrous metals, PVC-hard, polyester, epoxy, polystyrene foam (EPS/XPS), many thermoplastics and duroplastic plastics (except PE and PP), treated wood, wood-based materials, in particular parquet etc. For further surfaces, you will need to carry out your own tests.
Processing temperature	from +5 °C up to +40 °C
Frost resistance	up to -15 °C (during transport), non-sensitive to frost
Further information	More information about this product (current technical data sheet, safety data sheet, certificates, product variants, etc.) can be found via the adjacent QR code.
Item no.	**PKD 8400**
Special colours acc. to RAL or NCS	**Wikoplast-color is available from just one cartridge in any producible colour.** 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.
Delivery form	Packing unit of 12 cartridges of 300 ml

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 6 months (special colours) and 12 months (in the case of batch production) 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.