

Soft-elastic acrylic dispersion sealant for construction, with plastic components, paintable

Application areas

- High-quality, ready-to-use sealant
- for filling and sealing connections and cracks on walls, ceilings and masonry
 - for interior window connection joints, between window frames and masonry
 - ideal for carpenters, window manufacturers, painters, plasterers, interior finishing

Product benefits

- outstanding processing
- low E-modulus
- high movement absorption capacity
- paintable / recoatable
- water-based
- good adhesion to most substrates
- solvent-free (VOC-free)
- soft elastic, with plastic components
- almost odourless
- for indoor and outdoor use

Base

acrylate dispersion (physically drying)

Restrictions

Not suitable for oil and bitumen-containing substrates, PE, PP, PC, PMMA, PTFE (Teflon[®]), soft plastics, Neopren, glass, waxy substrates, joints standing in water. Not recommended for expansion joints in outdoor areas. Elasticity decreases at low temperatures. Our range of products offers you a choice.

Cleaning agents

Wisatyp TL 16 for cleaning non-absorbent adhesive surfaces and fresh product residues. Fresh sealant can also be removed with a damp cloth. To wash your hands, please use water and soap.

Processing

The bonding surfaces must be sound, dry and free of dust and grease.

Pre-coat highly absorbent and porous substrates with Wi-Primer V-04.

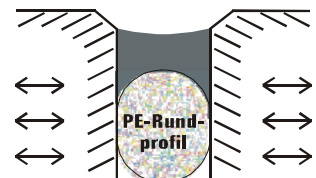
Use Wi-Primer V-01 as a solvent-free alternative.

Clean non-absorbent surfaces with Wisatyp TL 16.

Check treated and non-absorbent surfaces with an adhesion test.

In most cases adhesion can be improved with Wi-Primer V-03.

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.

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

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 filler before skin formation.

Do not use a smoothing agent.

It must be ensured that the joints are not exposed to rain or splash water until a sufficient skin has formed. The drying time depends on the joint dimensions, substrate, temperature and relative humidity.

Masking tapes must be removed immediately after spraying and smoothing.

Density	ca. 1.6 g/ml
Consistency	pasty, firm
Skin formation	ca. 20 min under normal conditions (+23 °C, 50 % rel. humidity)
Stability under load	<2 mm
Volume shrinkage	ca. 12 - 16 % by volume
Max. total deformation	20 % (experiential value through practice) 12.5 % under continuous strain in practice (acc. to DIN 15651-1)
Shore A hardness	ca. 25 (acc. to DIN 53505 ISO 868)
E-modulus 100 %	ca. 0.35 N/mm ² (acc. to DIN 53504 S2)
Breaking elongation	ca. 500 % (acc. to DIN 53505 ISO 868)
Tensile strength	ca. 0.35 N/mm ² (acc. to DIN 53504)
Processing temperature	from +5 °C up to +40 °C (sensitive to frost during the setting time)
Setting time	ca. 4 - 7 days if the joint is 5x5 mm (depending on temperature and humidity)

Recoatability After complete drying, good coatability with most water-based and synthetic paints (excluding mineral colours). If painted too soon or if the joints are shifted too much, the paint can crack. Similarly, overpainting with (highly filled) water-based paints can lead to paint cracking. It is advisable to test the compatibility with the colours concerned before application.

Repairing Can be repaired with the same material; e.g. to equalise the volume loss after drying with a second application.

Temperature-resistant from -20 °C up to +75 °C (once fully dry)

Substrates Plastering, sanding, masonry (bricking), beton, aerated concrete, stone, ceramics, wood-based materials, pre-treated metals, various plastics, such as PVC-hard, polystyrene and many other common construction materials. For further surfaces, you will need to carry out your own tests.

Certificates / Norms EN 15651-1: F EXT-INT 12.5E

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.

Item no. / Colour cartridge à 310 ml

AW 1402 white* ca. RAL 9010, off-white (upon request)
AW 1403 grey ca. RAL 7004
AW 1404 brown between RAL 8011 and RAL 8028
AW 1406 black

white*: bright, pure whiteness in quality AW 1102 possible

Delivery form carton box of 12 cartridges à 310 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 at least 24 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. © 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.