

Highly elastic sealant for hairline cracks, narrow joints and connections to plaster, masonry, wood, stone, etc.

Application areas	<p>Highly elastic, paintable compound</p> <ul style="list-style-type: none">▪ for crack repairs (especially very fine hairline cracks) at sanding, masonry (bricking) and wood▪ especially for small and therefore overstressed joints in interior areas▪ for connection joints and transitions to window frames, doors, stairs, skirting boards, parquet etc.
Product benefits	<ul style="list-style-type: none">▪ highly elastic▪ extremely high breaking elongation of ca. 900 %▪ penetrates well into absorbent substrates (capillary effect)▪ the product differs significantly from conventional silicone, hybrid, acrylic and polyurethane sealants▪ recoatable, lacquerable (after complete cross-linking)▪ no cracking▪ chemically neutral▪ no labelling obligation▪ solvent-free (VOC-free)▪ almost odourless▪ for indoor and outdoor use▪ extremely favourable processing viscosity, can be easily applied with a paint brush or a paint spatula, mouldable and structurable▪ good adhesion even without primer on most substrates like wood-based materials, masonry (bricking), natural stone, treated metals, many plastics etc.
Restrictions	<p>The product is splashproof when dry. However, it is not suitable for areas that will be in water for long periods of time! Also not suitable for the window glass sealing, the wet area, PE, PP and Teflon®.</p> <p>When used on bleeding substrates such as bitumen and tar, discolouration and property changes may occur. Elasticity decreases at low temperatures.</p>
Base	<p>Modified polymer dispersion; after extrusion, the material is physically cross-linked to form a strong, highly elastic, rubber-like mass.</p>
Cleaning agents	<p>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.</p>
Processing	<p>The bonding surfaces must be sound, dry and free of dust and grease. Stabilise or repair loose and sandy substrates beforehand.</p> <p>On porous and absorbent substrates, the sealant penetrates the substrate and acts as a primer. Clean non-absorbent surfaces with Wisatyp TL 16.</p> <p>Treated surfaces and adhesion surfaces without empirical values must be tested in advance with an adhesion test.</p>

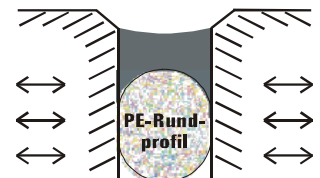
In case of larger joints
(from 4 mm x 4 mm)

Follow the rules for joint dimensioning.

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. To counteract material shrinkage and the capillary effect, it is recommended that larger joints are prefilled or slightly overfilled. The sealing compound must be sprayed in such a way that a sufficient pressing effect is created on the joint flanks.

DO NOT spray water, detergent or aqueous smoothing agent directly onto the fresh sealing compound! Remove the pressed-in sealant with a wet joint spatula before skin formation.

Masking tapes must be removed immediately after spraying and smoothing.

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.

Density

ca. 1.06 g/ml

Consistency

pasty, firm

Skin formation


ca. 20 min under normal conditions (+23 °C, 60 % rel. humidity)
However, under normal conditions, rain resistance is achieved after 4 hours.

Setting time

depending on volume and drying conditions, several days to fully dry

Recoatability

After complete drying, good coatability with most water-based and synthetic paints (excluding mineral colours), especially with (highly) filled colours, which tend to crack on soft substrates. Keyword «lean on fat». If painted too soon or if the joints are shifted too much, the paint can crack.

Shore A hardness	ca. 20
Temperature resistance	from -25 °C up to +80 °C (after complete cross-linking)
Processing temperature	from +5 °C up to +35 °C
Frost resistance	limited frost resistance
Tensile strength	ca. 0.12 N/mm ²
E-modulus 100 %	ca. 0.09 N/mm ²
Breaking elongation	ca. 900 % (depending on joint dimensions and temperature up to 1180 %)
Volume shrinkage	Material ca. 18 % - for open-pored and absorbent substrates, the quantity is increased accordingly, as the fine polymers penetrate the substrate and act as a kind of primer. Excessive volume shrinkage can be compensated for by applying a second coat of sealant.
Repairing	can be repaired with the same material
Substrates	Standard construction substrates like plastering, masonry (bricking), concrete, ceramics, marble etc. natural and artificial stones, wood, parquet, skirting boards, further wood-based materials, treated metals, PVC-hard, PMMA (acrylic glass), polystyrene foam (Styropor) etc. In case of other surfaces, own tests are required.
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	FX 9002 white - cartridge of 310 ml
Delivery form	carton box of 12 cartridges of 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 36 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.