

Soft elastic acrylic sealant with grit and increased motion absorption 12.5 %, solvent-free, paintable

- Application areas**
- for filling and sealing connections and cracks on walls, ceilings and masonry
 - for interior window connection joints, between window frames and masonry
 - for joints and connectors, which are not permanently exposed to water
 - ideal for carpenters, window manufacturers, painters, plasterers, interior finishing

- Product benefits**
- low modulus (ca. 0.1 N/mm²)
 - gives a flexible, elastic surface, optically rough, similar to abrasion
 - outstanding processing
 - «off-white» tones
 - recoatable (once fully dry)
 - water-based
 - solvent-free (VOC-free)
 - elastic, with plastic components
 - for indoor and outdoor use
 - practically odourless
 - good adhesion to most substrates
 - good UV and ageing resistance

Base Acrylate dispersion, with shattered chunks of white marble, (physically drying).

Restrictions Not suitable for the joints, joints standing in water, oil and bitumen-containing substrates, natural stone, PE, PP, PTFE (Teflon®), glass, waxy substrates. Not recommended for expansion joints in outdoor areas. Elasticity decreases at low temperatures. For use in outdoor areas, we recommend Wisastruk-Hybrid.

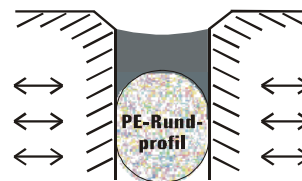
Cleaning agents Wisatyp TL 16 for cleaning non-absorbent adhesive surfaces and fresh product residues. Fresh sealant can also be removed with a damp cloth. The cured product can normally only be removed mechanically. To wash your hands, please use water and soap.

Processing The bonding surfaces must be sound, 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.

Also suitable is a primer with a mixture consisting of Wisastruk-AST and 2 to 6 times the amount of water. The mixture is depended on the absorption behaviour of the substrate.

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. It should also be noted that mineral grit can cause scratches on joints.

Follow the rules for joint dimensioning.

Minimum joint width: 5 mm, minimum joint depth: 5 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 spatula before skin formation. Do not use an aqueous 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.

Note for professionals

To obtain a suitable coarser texture, mould the texture filler dry. The surface becomes much finer when only lightly moistened with water.

Density


ca. 1.65 g/ml

Consistency

pasty, firm, grainy

Skin formation

ca. 15 min under normal conditions (+20 °C, 50 % rel. humidity)

Volume shrinkage	ca. 10 - 14 % by volume
Max. total deformation	12.5 % under continuous strain in practice
Stability under load	≤2 mm
Setting time	ca. 2 - 3 days if the joint is 5x5 mm (depending on joint dimensions, substrate, temperature and moisture)
Shore A hardness	ca. 12 ± 5 (acc. to ISO 868)
Water vapour permeability	μ = ca. 3500 sd = ca. 35 m (10 mm sealant thickness), 23 °C
Temperature-resistant	from -25 °C up to +80 °C (once fully dry)
Breaking elongation	ca. 168 % (acc. to ISO 8339-A)
Recoatability	After complete drying, good coatability with most water-based and synthetic paints acc. to DIN 52452-4 (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. If joints with low deformation loads are to be painted, a drying time of at least one week must be allowed beforehand.
Repairing	Can be repaired with the same material; e.g. to equalise the volume loss after drying with a second application.
Substrates	Plastering, sanding, masonry, concrete, ceramics, wood, treated metals, various plastics like PVC-hard, polystyrene and many other materials widely used in construction. For further surfaces, you will need to carry out your own tests.
Processing temperature	from +5 °C up to +35 °C (sensitive to frost during the setting time)
Frost resistance	Not frost-resistant!
Certificates / Norms	EN 15651-1: F EXT-INT 12.5P
Further information	 <p>More information about this product (current technical data sheet, safety data sheet, certificates, product variants, etc.) can be found via the adjacent QR code.</p>
Item no. / Colour	ASW 2122 white (ca. RAL 9016) - cartridge of 310 ml ASW 2162 white (ca. RAL 9010) - cartridge of 310 ml
Delivery form	Packing unit 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 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.