

Technical data

Wolf joint filler

- Plasto-elastic sealant based on acrylic dispersion
- Can be painted over* after 3 h*
- Can be plastered over
- Solvent, isocyanate, APEO glycol and silicone-free
- Odourless
- Compatible with paints
- Weather-resistant
- Resistant to ageing
- Good UV resistance
- Very good storage stability
- No labelling required
- Can be thinned with water
- Can be cleaned with water
- Pasty consistency
- Also for outdoor use (without constant exposure to moisture)



Product description:

Wolf Joint filler is a one-component acrylic sealant for interior and exterior use with a maximum movement absorption of 15 %. (Physically drying sealant based on acrylic dispersion)

Field of application:

For sealing/jointing the connection areas on floors, walls and ceilings of PhoneStar panels and for various end coverings (e.g. plasterboard).

For sealing/jointing window sills, lightweight walls, door connections, ceiling connections, roller shutter boxes, plastic pipes, crack sealing.

For sealing connections and joints with moderate expansion stress and without constant exposure to moisture: e.g. between concrete, masonry, plastered surfaces, sand-lime brick, brickwork, fibre cement, plasterboard, untreated and anodised aluminium, wood or rigid PVC. Also suitable for bonding expanded polystyrene ("Styrofoam") to absorbent substrates.

Wolf joint filler must not be used in sanitary areas, on marble / natural stone, in civil engineering, on bituminous substrates, on untreated (non-primed) metallic substrates or for joints that are in permanent contact with moisture (e.g. concrete surfaces in contact with the ground).

Reach:

Depending on the size of the joint, this results in a range of 10-12 linear metres per cartridge.

Packaging:

Cartridges with 310 ml, colour: white.

Substrate pre-treatment:

The substrate must be dry, stable and free of dust and grease. Absorbent, porous substrates, e.g. concrete, plasterboard, untreated wood must be pretreated with a diluted sealant (Wolf Fugenfüller with water in a ratio of 1 : 1 to 1 : 5) (= primer application). Before applying the primer, remove any cement slurry, formwork oil coatings/impregnations. In the case of renovation work, the old sealant, paint residues and non-load-bearing layers must be completely removed. The joint must be provided with a suitable, correctly dimensioned backfill material (e.g. ferax PE round cord, PE film) to prevent 3-edge adhesion. To avoid soiling and to achieve an exact joint, we recommend covering the edges of the joint with adhesive tape before applying the primer or grouting.

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Joint dimensioning:

A square cross-section is recommended for joint widths of at least 5 mm. For wider joints (up to max. 25 mm), the joint depth should be half the joint width in accordance with DIN 18540, sheet 3. For triangular bevelled joints, ensure that the joint is even and isosceles with at least 7 mm adhesive surface.

Smoothing:

After applying the sealant with a suitable hand, cordless or air pressure sealant gun, the sealant in the joint can be smoothed with water or a neutral, non-staining aqueous smoothing agent and a suitable tool (e.g. Fugenmeister). Any adhesive tape used can be removed immediately after smoothing.

Important notes:

The sealant must be protected from washing out, e.g. by condensation or rainwater, until a firm skin has formed. Fresh sealant can be removed with a damp cloth. Tools must be cleaned with water immediately after use. Cured sealant must be removed mechanically. The remaining residue can be softened with water and wiped off after some time. When used outdoors, Wolf joint filler must be protected from driving rain and permanent exposure to moisture.

The functionality of Wolf joint filler in a joint can only be guaranteed if it is applied correctly, depending on the joint dimensions and the joint spacing. The sealant should not be applied in the event of strong temperature fluctuations (early exposure of the sealant)

*The sealant can be painted over with emulsion paints and other paint systems. Due to the large number and variety of coating systems available on the market, carry out your own tests to assess adhesion and recoatability. Joints subject to expansion must not be painted over.

Technical specifications

Density (DIN EN ISO 2811-1)	1,58 ± 0,05 g/cm ³
Skin formation time (23 °C / 50% r.F)	approx. 10 min
Penetration (DIN 51579 / 5 sek.)	205 ± 30 1/10 mm
Stability (in accordance with ASTM 2202)	≤ 2 mm
Shore A Hardness (ISO 868)	10 ± 5 Units
Elongation stress value (DIN EN ISO 8339-A, 100%)	ca. 0,1 N/mm ²
Permissible total deformation (Manufacturer specification)	15%
Movement ability (ISO 11600)	12,5%
Mass shrinkage (DIN EN ISO 10563)	max. 15%
Processing temperature (Sealant and substrate)	+5 to + 35 °C
Temperature load (Cured sealant)	-25 to + 80 °C
Water vapour diffusion resistance (10 mm sealant thickness, 23 °C; 50% => 0%)	μ = ca. 3500, sd = approx.35 m
Building material class (EN 13501)	E
Storage stability (in closed original container, + 5 bis + 35 °C)	24 months
Protect from frost!	

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Safety data:

See safety data sheet Accident and health protection measures resulting from the safety data sheet and labelling must be observed.

Remarks:

Curing depends on temperature, humidity, layer thickness and the absorption behaviour of the substrate.

The data given refers to testing in a standard climate (23 °C / 50% RH). Low temperatures, high humidity and joint depths greater than 15 mm slow down skin formation and curing considerably in some cases.

The characteristic data are determined close to the time of production and may vary slightly with increasing age of the product and the different colourings. The characteristics do not constitute a specification agreement.