

UHU® SEAL MAX

HIGH-QUALITY, UNIVERSAL SEALANT BASED ON POLYMER TECHNOLOGY



PRODUCT DESCRIPTION

High quality, universal sealant based on innovative polymer technology. Permanently elastic, paintable, for all materials and surfaces. Ideal for connection joints, sanitary joints, dilatation joints and glazing joints, as well as for filling cracks.

FIELD OF APPLICATION

Suitable for internal and external sealing, in wet and dry conditions. For connections along door frames, window frames, window sills, skirting boards, stairs, baths, showers, washbasins, tile walls, kitchen counters, walls, ceilings and floors. Also suitable for dilatation joints and glazing joints for single and insulating (double) glass. Suitable, as well, for shrink-resistant filling of cracks and small holes.

Substrate: Excellent adhesion to virtually all (building) materials, such as concrete, stone, stucco, gypsum board, glazed surfaces, ceramics, enamel, tiles, glass, metal (including aluminium, steel, stainless steel and chrome), (dyed) wood and many synthetic materials (including acrylic bathtubs, polystyrene(foam), PVC, ABS, PC). Not suitable for bitumen, polyethylene (PE), polypropylene (PP), PTFE and aquaria.

PROPERTIES

- Paintable
- Permanently elastic
- Ultimate bonding to all surfaces (even to moist surfaces)
- Mould resistant
- Non-shrinking
- Easy to apply
- Can be used internally and externally
- Acid-free
- UV, weather and chemical resistant
- Resistant to temperatures between -40°C and +90°C

PREPARATION

Working conditions: Only apply at temperatures between +5°C and +40°C.

Surface requirements: The surface must be dry, clean and free of dust, rust and grease.

Preliminary surface treatment: For a good result, cover the joint's edges with masking tape.

Tools: Apply cartridge with a Power Pistol. Multi Tool to open the cartridge and tooling the sealant.

APPLICATION

Coverage: Content suitable for approx. 8 to 15 m (depending on the diameter of the joint).

Directions for use:

Use sealant gun to handle cartridge. Open the cartridge by cutting off the plastic nipple on the top side at the screw thread with a sharp knife. Screw on the nozzle and chamfer at the desired width. For a good result, cover the joint's edges with masking tape. Cut the cartridge below the screw thread. Screw the nozzle onto the cartridge and cut at an angle to the desired diameter (at least 6 mm Ø in case of joint seams). Use a sealant gun to apply sealant evenly to the joint or crack. Moisten a sealant smoother or spatula with an acid-free soap solution and use this to tool the sealant within 5-10 minutes. Remove masking tape immediately after tooling and close cartridge. After 15 minutes, a surface skin will form. Curing 2 mm in 24 hours, depending on relative humidity and temperature. Paintable after 2 hours with all water-based paints and most solvent-based (alkyd) paints. For an optimal result, paint within a few days and pre-test.

Stains/residue: Immediately remove stains with white spirit. Cured sealant can only be removed mechanically.

Points of attention: Alkyd paints may take longer to dry on the sealant.

CURE TIMES*

Skinover time: approx. 15 minutes

Cure rate: approx. 2 mm/24 hrs

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

TECHNICAL PROPERTIES

Water resistance: Very good

Note: This information is the result of carefully executed tests. This Technical Data Sheet has been prepared to the best of our knowledge to provide you with advice when gluing. We cannot be held responsible for the results or any damage suffered, as the variety of factors involved (type and combination of materials and working method) are beyond our control. Users have to carry out their own checks and trials. Liability can only be accepted for the consistently high quality of our product.



SEAL MAX

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Temperature resistance: From -40°C to +90°C

UV resistance: Very good

Mildew resistance: Good

Chemicals resistance: Good at momentary load

Paintability: Good

TECHNICAL SPECIFICATIONS

Chemical base: Polymer

Colour: White

Density: approx. 1,48 g/cm³

Hardness (Shore A): approx. 27

100% modulus: approx. 0.6 MPa

Max. allowed distortion: approx. 25 %

Elongation of rupture: approx. 300 %

STORAGE CONDITIONS

Shelf life at least 18 months. Limited shelf life after opening. Store in properly sealed packaging in a dry place at between +5°C and +25°C.

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