SILICONE UNIVERSAL

UNIVERSAL SILICONE SEALANT



PRODUCT DESCRIPTION

High quality, universal, permanently elastic, water resistant sealant on an acetic acid base. Can be used indoors and outdoors. UV and all-weather resistant.

FIELD OF APPLICATION

Suitable for sealing joints, seams and cracks in all kinds of applications. Suitable for sealings in sanitary and construction applications, for example in the house, glass construction, display case construction, car, boat and caravan. Also suitable for bonding and sealing clear glass, display cases and display windows. Adheres to almost all materials. Not suitable for bitumen, polyethylene, polypropylene, PTFE and aquariums. Not suitable for polyethylene (PE), polypropylene (PP), PTFE and bitumen.

PROPERTIES

· (Sea)water resistant
· Permanently elastic
· UV and all-weather resistant
· Mould resistant
· Excellent bonding on all surfaces
· Chemical resistant
· Colourfast
· Easy to apply
· Resistant to temperatures between -50°C and +120°C

PREPARATION

Working Conditions: Only apply at temperatures between +5°C and +40°C.
Surface Requirements: The surface should be dry, clean and free of dust and grease. Synthetics should first be roughened and/or pre-treated with BISON Silicone Primer.
Preliminary Surface Treatment: For a good result, cover the joint's edges with masking tape. If necessary, prevent three-sided bonding by filling the joint with a foam backer rod or PE film.

APPLICATION

Coverage: 1 tube for approx. 1.5 m (depending on the diameter of the joint).
Directions for use:
Screw the cap from the tube and pierce the tube membrane with the point at the top of the cap in a twisting movement. Screw synthetic nozzle onto the tube and then cut diagonally.
Inject the sealant evenly into the joint and tool within 10 minutes with a putty knife, moistened with a soap solution. Remove the applied masking tape immediately after tooling. After approx. 15 minutes, a surface skin will form.
Stains/residue: Immediately remove stains with white spirit. Cured sealant can only be removed mechanically.
Points of attention: Silicone hardens under the influence of humidity. Contact with humidity is therefore absolutely necessary during curing. Always consider a joint of at least 6 mm wide. By applying masking tape along the joints completely smooth seams are achieved, remove the tape immediately after smoothing.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.

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TECHNICAL SPECIFICATIONS

100% modulus:	0.3 MPa
Chemical base:	Silicone elastomer
Chemicals resistance:	Very good
Cure rate:	2 mm/24h
Density approx.:	0.99 g/cm³
Elasticity:	Very good
Elongation of rupture:	500 %
Filling capacity:	Very good
Flash point:	K3 (>55°C)
Hardness (Shore A):	15
Max. allowed distortion:	12.5 %
Minimum temperature resistance:	-30 °C
Maximum temperature resistance:	150 °C
Mildew resistance:	Very good
Moisture resistance:	Very good
Paintability:	Nil
Skinover time:	15 minutes
UV resistance:	Very good
Viscosity:	Pasty
Water resistance:	Very good
100% modulus:	0.3 MPa
Chemical base:	Silicone elastomer
Chemicals resistance:	Very good
Colour:	Transparent
Cure rate:	2 mm/24h
Density approx.:	1.04 g/cm³
Elasticity:	Very good
Elongation of rupture:	650 %
Filling capacity:	Very good
Flash point:	K3 (>55°C)
Hardness (Shore A):	25
Max. allowed distortion:	20 %
Minimum temperature resistance:	-50 °C
Maximum temperature resistance:	180 °C
Mildew resistance:	Nil
Moisture resistance:	Very good
Paintability:	Nil
Skinover time:	10 minutes
UV resistance:	Very good
Viscosity:	Pasty
Water resistance:	Very good

STORAGE CONDITIONS

At least 18 months after production.
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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