
MULTI-PURPOSE SILICONE

Revision 06/03/2007

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TECHNICAL DATA:

Base: Polysiloxane
Consistency: Stable pasta
Curing system: Moisture cure
Skin formation (20°C/65%/ R.H.): Ca. 7 minutes
Curing rate (20°C/65%/ R.H.): 2 mm/24h
Hardness (DIN 53505): 25 ± 5 Shore A
Specific gravity (DIN 53479): 1,00 g/ml
Temperature resistance: -60°C to +180°C
Elastic recovery (ISO 7389): > 90 %
Maximum allowed distortion: 25 %
Elasticity modulus 100% (DIN 53504): 0,40 N/mm²
Maximum tension (DIN 53504): 1,50 N/mm²
Elongation at break (DIN 53504): 800 %

PRODUCT:

Multi-purpose Silicone is a high-quality acetic-cure, elastic one-component joint sealant based on silicones.

CHARACTERISTICS:

Low Modulus
Very easy application
Permanent colour, UV-resistant
Stays elastic after curing
Very good adhesion on many materials
Typical acetic smell

APPLICATIONS:

Building- and construction joints
Glazing on aluminum frames
Sanitary installations
Top sealing for glazing jobs
Window- and door joints
Sealing in sanitary rooms and kitchens
Sealing in cold storage rooms and containers
Sealing in air condition systems

SURFACES:

Type: Many building surfaces. Do not apply on PVC, PE, PP, PTFE and bituminous substrates.
State of Surface: clean, dry, free of dust and grease
Preparation: apply primer for applications on porous surfaces – no primer required for non-porous surfaces
We always recommend a preliminary compatibility test prior to the actual application

JOINT DIMENSIONS:

Minimum width: 5 mm
Maximum width: 30 mm
Minimum depth: 5 mm
Recommendation: 2 x depth = width of joint

Remark: The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

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APPLICATION:	<i>Method:</i> Manual- or pneumatic caulking gun <i>Application temperature:</i> +5°C until +35°C <i>Cleaning:</i> Uncured Multi-purpose Silicone may be removed from tools with Sealant Cleaner. Cured adhesive must be removed mechanically. <i>Tooling:</i> with soapy solution before skin formation <i>Repair with:</i> Multi-purpose Silicone
PACKAGING:	<i>Colour:</i> white, clear, brown, grey, alu grey, black <i>Packaging:</i> cartridge 310 ml
SHELF LIFE:	At least 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.
HEALTH- AND SAFETY RECOMMENDATIONS:	Apply the usual industrial hygiene. Consult the label for more information.
REMARKS:	Do not use on natural stones like marble, granite, ... (staining effect). Due to acetic character some metals (copper, lead) can be attacked. Contact between this sealant and the primary sealants of double glazed insulation windows or the PVB film of security glass should be avoided.

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