

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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Declaration of Performance

In accordance with the CPR Regulation (EU) N° 305/2011

Soudal Multi Purpose Silicone

Revision: 18/10/2016

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Reference nr DOP: 230294

Unique identification code of the product type:

Soudal Multi Purpose Silicone

Intended use or uses of the construction product:

Sealant for facade for interior and exterior application.
Sealant used for sealing glazing applications.
Sealants used for sanitary applications.

Construction product in accordance with applicable harmonised specifications:

EN 15651-1:2012: Type F - EXT-INT
EN 15651-2:2012: Type G
EN 15651-3:2012: Type S

System or systems of assessment and verification of consistency of performance of the construction product, as set out in Annex V:

System 3: for essential characteristics
System 3: for reaction to fire

Name and contact address of the manufacturer as required pursuant to Article 11(5):

Soudal NV, Everdongenlaan 18-20, 2300 Turnhout, Belgium

The notified body:

IFT Rosenheim GmbH, NB 0757 has carried out Determination of the Product Type under system 3.

Declaration of Performance

In accordance with the CPR Regulation (EU) N° 305/2011

Soudal Multi Purpose Silicone

Revision: 18/10/2016

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Declared Performance: EN 15651-1:2012

Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire	NPD	EN 15651-1:2012
Release dangerous chemicals	NPD	
Water and air tightness		
Resistance to flow	≤ 3 mm	
Loss of volume	NPD	
Secant modulus at -30°C (N/mm ²)	NPD	
Tensile properties at maintained extension at -30°C	NPD	
Adhesion/cohesion at maintained extension after water immersion	NF	
Elongation at break	≥ 25%	
Tensile properties at break after water immersion	≥ 25%	
Durability	Pass	

Conditioning:

Method A

Test substrate:

Aluminium

Mortar

Declared Performance: EN 15651-2:2012

Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire	NPD	EN 15651-2:2012
Release dangerous chemicals	NPD	
Water and air tightness		
Resistance to flow	≤ 3 mm	
Loss of volume	NPD	
Elastic recovery	≥ 40%	
Secant modulus at -30°C (N/mm ²)	NPD	
Tensile properties at maintained extension at -30°C	NPD	
Adhesion/cohesion at maintained extension after water immersion	NF	
Adhesion/cohesion after exposure to heat, water and artificial light	NF	
Durability	Pass	

Conditioning:

Method A

Test substrate:

Aluminium

Glass

Declared Performance: EN 15651-3:2012

Declaration of Performance

In accordance with the CPR Regulation (EU) N° 305/2011

Soudal Multi Purpose Silicone

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Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire	NPD	EN 15651-3:2012
Release dangerous chemicals	NPD	
Water and air tightness		
Resistance to flow	≤ 3 mm	
Loss of volume	NPD	
Adhesion/cohesion at maintained extension after water immersion	NF	
Tensile properties at break after water immersion	≥ 25%	
Microbiological growth	0	
Durability	Pass	

Conditioning:

Method A

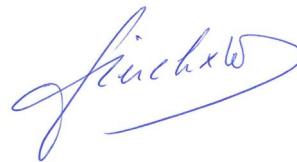
Test substrate:

Aluminium

Glass

The performance of this product is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for on behalf of the manufacturer by



Ing. W. Dierckx

Technical Product Manager
BE-2300 Turnhout, 18/10/2016

CE marking

In accordance with the CPR Regulation (EU) N° 305/2011

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NB 0757

Soudal NV, Everdongenlaan 18-20, 2300 Turnhout, Belgium

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Reference nr DOP: 230294

EN 15651-1: 2012

EN 15651-2: 2012

EN 15651-3: 2012

Sealant for facade for interior and exterior application.

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Soudal Multi Purpose Silicone

EN 15651-1:2012: Type F - EXT-INT

EN 15651-2:2012: Type G

EN 15651-3:2012: Type S

Conditioning:

Method A

Substrate:

Aluminium

Mortar

Glass

Essential Characteristics	Performance	Harmonised Technical Specification
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