

# POWAGroup

## POWAFIX Silicone Roof & Gutter N/Cure Translucent 300ml

*Premium High-Performance Silicone Sealant*



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## Premium Glazing & Cladding Silicone

A premium high-performance 100% silicone sealant. This single part neutral cure silicone is designed to give superior adhesion and durability in a wide range of glazing, weather sealing and trade applications.

Suitable for sealing lap joints, roofing, guttering and cladding applications, providing a weatherproof seal on most building materials such as aluminium, galvanized and zinc coated steel, painted surfaces, glass, brick and concrete.

## Features

- Very easy to apply
- Colourfast and UV resistant
- Permanent elastic after curing
- Very good adhesion on many materials
- Low modulus
- Corrosion free
- Low odour
- Impervious to mould
- Not paintable

## Applications

- To seal horizontal and vertical joints in wall and roof connections.
- Sealing between metal components.
- Repairing and renovation of roofs and gutters.
- Connection and expansion joints at roof works.

## Packaging

Colour: translucent

Packaging: 300 ml cartridge



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## Technical data

Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (20°C / 65% R.H.)	Ca. 10 min
Curing speed * (20°C / 65% R.H.)	Ca. 2 mm/24h
Hardness	Ca. 25 ± 5 Shore A
Density	Ca. 1,00 g/ml (transp) Ca. 1,26 g/ml (colours)
Elastic recovery (ISO 7389)	> 80 %
Maximum allowed distortion	25 %
Temperature resistance	-60 °C → 150 °C
Max. tension (DIN 53504)	Ca. 1,35 N/mm <sup>2</sup>
Elasticity modulus 100% (DIN 53504)	Ca. 0,40 N/mm <sup>2</sup>
Elongation at break (DIN 53504)	> 500 %
Application temperature	5 °C → 35 °C

(\*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

## Shelf Life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

## Substrates

1Substrates: all usual building substrates, glass, aluminium, wood, staal ST1403, plastics, concrete, brick, ceramic tiles

Nature: clean, dry, free of dust and grease. Surface preparation: Porous surfaces in water loaded applications should be primed with Primer 150. All smooth surfaces can be treated with Surface Activator.

There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates. We recommend a preliminary compatibility test.

Not suitable for continuous underwater use. Given the wide variety of coatings on substrates, a preliminary adhesion test is always required. When glazing: clean frame and glass surfaces that come into contact with sealant.

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## Compatibility With Glass

Not suitable for contact with secondary sealant of insulating glass units. Not appropriate for applications in direct contact with PVB film in laminated glass, we recommend to use Silirub 2 instead.

## Joint Dimensions

Min. width for joints: 5 mm

Max. width for joints: 30 mm

Min. depth for joints: 5 mm

Glazing applications: top sealing = min. width 4 mm, depth at least 6 mm. Min. width for connection joints around windows: 10 mm. Expansion joints: joint width 5-10mm: joint depth 5mm. Joint width 10-30mm: depth=1/2 \* width. Recommended joint configuration for connection joints and joints subjected to shear: depth = width (min 5 mm).

## Application Method

Avoid that soapy solution comes between the joint edges and sealant (to prevent adhesion loss).

Application method: With manual- or pneumatic caulking gun.

Cleaning: Clean with white spirit or Surface Cleaner immediately after use.

Finishing: With a soapy solution or a Finishing Solution before skinning.

Repair: With the same material

## Health and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label for more information.

Remarks:

- Do not use on natural stones like marble, granite,...(staining).
- Use Soudal Silirub MA or Silirub+ S8800 for this application.
- Given the great diversity in available paints it is recommended to do a compatibility test prior to application.
- Direct contact with the secondary sealing of insulating glass units (insulation) and the PVB-film of safety glass must be avoided.
- Not suitable for bonding mirrors.

## Environmental Clauses

Leed regulation:

Conforms to the requirements of LEED. Low – Emitting Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED® 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC- content.