



Silirub Color

Description

Silirub Color is a neutral cure silicone sealant particularly suitable for interior & exterior sealing applications such as joints, weather sealing, connection joints.

Properties

- Good UV resistance
- Easy to apply
- Low modulus
- Permanently elastic after curing
- Very good adhesion on many materials
- Very good resistance to ageing
- MEKO free
- Excellent weatherproofing properties



Application

- All usual building joints with high movement.
- Glazing and joint works.
- Building and construction joints
- Expansion joints between many different construction materials.
- Sealing between uPVC, treated wooden and metal profiles and glass.
- Interior applications which are exposed to high relative humidity

Technical data

Base	Polysiloxane	
Consistency	Stable paste	
Curing system	Moisture curing	
Specific Gravity (g/ml)	1.35 ± 0.1	
Skin formation (minutes)	ca. 8	
Curing speed (mm/24h)	ca. 2	
Hardness (Shore A, Points)	ISO 868	30 ± 5
Elongation at Break (%)	ISO 37	≤ 600
Tensile Strength (N/mm ²)	ISO 37	~ 1
Maximum allowed Distortion (%)	± 20	
Elastic Recovery	ISO 7389	>80
Temperature Resistance (°C)	-60 to +150	
Application Temperature (°C)	+5 to +35	

Footnote: Skinning time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.



Silirub Color

Substrates

■ Substrate condition

The surface must be rigid, clean, dry, free of dust and grease.

■ Substrate preparation

Silirub Color has a good adhesion to most substrates. However, for optimal adhesion and in critical applications, such as joints exposed to extreme weather conditions, high or water-loaded joints, we recommend following a pre-treatment procedure. Porous surfaces can be prepared with a Soudal activator or cleaner. If needed, non-porous surfaces can be prepared with a Soudal activator or cleaner. When Glazing: Clean frame and glass surfaces that come into contact with sealant.

■ Substrate types

Silirub Color has a good adhesion to all usual building substrates including, glass, aluminum, wood, steel ST1403, concrete, brick, ceramic tiles, etc.

Silirub Color is not suitable for PE, PP, PTFE (Teflon®), PVC, and bituminous substrates, copper or copper containing materials such as bronze and brass.

Due to the wide variety of materials used in façade technology a preliminary compatibility test is necessary.

Joint Size

Minimum width for joints: 5 mm

Maximum width for joints: 30 mm

Minimum depth for joints: 5 mm

Glazing and window applications:

Top sealing = minimum width 4 mm, depth at least 6 mm. Minimum joint width for connection joints around windows: 10 mm.

Weather seal and other applications: joint width 5 - 10mm: joint depth 5 mm.

Joint width 10 to 30 mm: depth = 1/2*width.

Recommended joint configuration for connection joints and joints subjected to shear: depth width (minimum 5 mm)

Application method

■ Application method

Apply the product with a manual, pneumatic or a battery-operated caulking gun.

■ Cleaning method

Swiftly clean with white spirit or Soudal Surface Cleaner / Swipex after usage to prevent residue accumulation & maintain equipment efficacy. Cured product must be removed mechanically.

■ Finishing method

Utilize soapy water to wipe away excess caulking or sealant before it dries, ensuring a polished appearance.

■ Repair method

Address any imperfections with Silirub Color sealant, filling gap and smoothing for a flawless finish.

Health and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information.

Keep the area well-ventilated during use and curing of the product. Dangerous. Respect the precautions for use.



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Packaging/Logistics

Colour: RAL 8017, RAL 8007, Ivory, Light Grey, RAL 7006, RAL 7016 & more colors on request.

Packaging: 384g Cartridge

Shelf life: 12 months from the date of production. The product must be stored in its original, undamaged, and sealed packaging under dry conditions, protected from direct sunlight, and at temperatures between +5°C and +25°C.

Remarks

- Do not use on natural stones like marble, granite (causes staining), etc. For those applications use Soudaseal 212 CS or Silirub MA.
- A total absence of UV can cause a color change of the sealant.
- In an acid environment or in a dark room, a white sealant can slightly turn yellow. Under the influence of sunlight it will turn back to its initial color.
- We strongly recommend not to apply Soudal finishing Solution in full sunlight as it will dry very fast in these circumstances. On certain surfaces Soudal finishing solution can cause staining. A preliminary test is always recommended.
- When finished with Soudal Finishing Solution, make sure that the adhesion surfaces are not touched by this solution. This will cause the sealant not to adhere to that surface. Therefore we recommend only dipping the finishing tool in the finishing solution.
- Not suitable for bonding aquariums.
- Do not use in applications where continuous water immersion is possible.
- Do not use on polycarbonate.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discoloration and loss of adhesion.
- With the expanding range of coatings used in the fenestration industry, sealant compatibility with specific coating systems must be verified; therefore, a preliminary adhesion test is recommended prior to application.

This technical data sheet supersedes all earlier versions. The information provided is based on our tests and practical experience and is supplied in good faith as general guidance only, without creating any liability. Since materials, substrates, application design, and processing conditions vary widely and are outside our control, we cannot accept responsibility for the results obtained from use of this information. The user must verify suitability for the intended application through their own testing, and preliminary trials are recommended in all cases. The manufacturer reserves the right to change product specifications without prior notice.