

# SILIRUB B&K

Revision: 1/04/2024

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## Technical Data

Basis	Polysiloxane
Consistency	Paste
Curing System	Moisture Cure
Specific Gravity (g/ml)	Clear : 1.00 , Colors : 1.29
Skin formation time (20 °C/65% R.H) (min)*	Ca. 5-15
Curing rate (20 °C/65% R.H) (mm /24h)*	Ca. 2
Hardness, Shore A, Points (ISO 868)**	22±5
Tensile Strength (N/mm <sup>2</sup> ) (ISO 37)**	1.46
Elongation at Break (%) (ISO 37)**	>600
Maximum allowed Distortion (%)	20
Elastic Recovery (ISO 7389)**	>80
Elasticity Modulus 100% (N/mm <sup>2</sup> ) (ISO 37)**	0.5
Temperature Resistance (°C)	-60 to +150
Application Temperature (°C)	5 to +35

\*These values may vary depending on environmental factors such as temperature, moisture and the type of substrate.

\*\*This information relates to fully cured products.

### Description:

Silirub B&K is a high performance neutral cure silicone sealant with outstanding adhesive/sealing properties for all wet area (kitchens & bathrooms) critical applications. Silirub B&K is FDA (food grade) approved by IANESCO (France).

### Properties:

- One component RTV (Room Temperature Vulcanising)
- Excellent UV resistance
- Can be applied to overhead or vertical joints
- Excellent adhesion on porous and non-porous substrates
- Anti-fungus properties
- Mould resistant
- FDA approved (food grade)

### Packaging:

Colour: Clear, Brilliant white, RAL 9001, RAL 9002, RAL 9010  
Packaging: cartridge 300ml

### Applications:

- Joints in sanitary applications and kitchens
- All glazing works

- Joints in container and cold store applications
- Air conditioning sealing

### Shelf Life and Storage:

12 months from date of manufacturing in unopened packaging stored in a cool and dry place at recommended temperatures between +5°C and +25°C.

### Health and Safety Recommendations:

Apply the usual industrial hygiene. Consult the label for more information.

### Substrates:

Type: all usual building surfaces  
State of Surface: clean, dry, free of dust and grease  
Preparation: apply Primer 150 on porous surfaces in water loaded applications – no primer required for non porous surfaces. Surface Activator should be used to enhance adhesion to non porous surfaces.  
We recommend a preliminary compatibility test.

### Joint Size:

Minimum Width: 5mm  
Maximum Width: 30mm  
Minimum Depth: 5mm

**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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Recommendation: 2 x depth = width

**Application Method:**

Method: caulking gun

Clean: with white spirit immediately after use

Finish: with soapy water before skinning

Repair: with Silirub B&K

Application temperature: +5°C to +35°C

**Remarks:**

- This sealant should not be used in contact with PVB-films or the sealing of double glass windows and security glass.
- Do not use on natural stones (marble, granite etc.)
- We recommend a preliminary adhesion test on PVC.

**FDA CODE 21 §177.2600 (e) and (f)** tests by IANESCO (France), rapport 11/04731, dated 18 April 2011

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