
SILIRUB HT°-A

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Base	Polysiloxane
Consistency	Pasta
Curing System	Moisture Cure
Skin Forming (20°C/65% R.H.)	Ca. 7 minutes
Curing Rate (20°C/65% R.H.)	2 mm/24h
Hardness (DIN 53505)	30 ± 5 Shore A
Specific Gravity (DIN 53479)	Ca. 1,28 g/mL
Temperature resistance	-40°C until +285°C
Elastic Recovery (ISO 7389)	> 80 %
Elongation at Break (DIN 53504)	> 500 %
Elastic Modulus 100 % (DIN 53504)	0,60 N/mm ²
Maximum Tension (DIN 53504)	2,0 N/mm ²
Maximum Deformation	± 25 %

Product:

Silirub HT°-A is an elastic, single component engineering sealant that withstands very high temperatures.

Characteristics:

- Permanently elastic after full cure
- Excellent adhesion on metals, glass and glazed substrates
- High modulus
- Typical acetic smell
- Withstands temperatures of up to 285°C

Applications:

Sealing of heating installations
Gaskets in pumps and motors
Sealing between metals parts
All sealant applications which require high temperature resistance

Packaging:

Colour: black
Packaging: cartridge 310mL

Shelf life:

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°. Do not expose to frost.

Surfaces:

Type: metals, glass, glazed surfaces, GRP, not suited for PE, PP, PTFE and bituminous substrates
State of Surface: clean, dry, free of dust and grease
Preparation: very porous substrates must be primed with Pirmer 150. Surface Activator will improve adhesion on smooth surfaces
We recommend a preliminary compatibility test.

Joint Size:

Minimum Width: 5mm
Maximum Width: 30mm
Minimum Depth: 2mm
Recommendation: width= 2 x depth

Application:

Method: caulking gun
Application temperature: +5°C to +35°C
Clean: with white spirit before curing
Repair: with Silirub HT°-A
Finish: with soapy solution before skin forming

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

Remarks:

Due to its acetic character, some metals such as copper, lead, may stain when in contact with Silirub HT°-A.

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