SOUDAL

Technical Data Sheet

SILIRUB AQ

Technical Data:

Base	Polysiloxane
Consistency	Paste
Curing System	Moisture Cure
Skin formation (20°C/65% R.H.)	Ca. 7 min.
Curing Rate (20°C/65% R.H.)	2 mm/24h
Hardness (DIN 53505)	25 ± 5 Shore A
Specific Gravity (DIN 53479)	1,03 g/mL
Temperature Resistance	-60°C to +180°C
Elastical Recovery (ISO 7389)	> 90 %
Maximum allowed Distortion	25 %
Elasticity Modulus 100 % (DIN 53504)	0,48 N/mm²
Maximum Tension (DIN 53504)	2,00 N/mm²
Elongation at Break (DIN 53504)	800 %

Product:
Silirub AQ is a high-quality, elastical one-component joint sealant/adhesive based on silicones for the construction of aquaria and terraria.

Characteristics:
- Very easy application
- Permanent colour, UV-resistant
- Stays elastic after curing
- Very good adhesion on glass
- Completely neutral after curing

Applications:
Construction of full glass aquaria and terraria
Glueing of glass constructions
All reparations of aquaria and terraria

Packaging:
Colour: clear, 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°.

Surfaces:
Type: glass
State of Surface: clean, dry, free of dust and grease
Preparation: no preparation required
We recommend a preliminary compatibility test.

Application:
Method: caulking gun
Application temperature: +5°C to +35°C
Clean: with white spirit immediately after use
Finish: with soapy water before skinning
Repair: with Silirub AQ

Health- and Safety Recommendation:
Apply the usual industrial hygiene. Consult the label for more information.

Remarks:
Even though Silirub AQ is an acetic silicone, the product is not poisonous to animals after curing so that all types of aquaria can be constructed which can be populated by all sorts of fish.
Only suitable for aquaria built according to DIN32622: max. dimensions 200 x 60 x 60 cm, use the correct thickness of glass.
Add enough supports to prevent bending of the glass.
Minimum bond thickness should be 1 mm.
Never fill the aquarium until full cure

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