SOUDAL

Technical Data Sheet

SILIRUB AQ

Technical Data

Basis	Polysiloxane
Consistency	Stable Paste
Curing System	Moisture Cure
Skin formation (23°C/50% R.H)	Ca. 7 min
Curing Speed* (23°C/50% R.H)	Ca. 2mm/24h
Hardness	26 ± 5 Shore A
Density	1,03 g/ml
Elasticity Recovery (ISO 7389)**	>90%
Maximum allowed distortion	25 %
Max. Tension (ISO 37)**	Ca. 2,00 N/mm²
Elasticity Moudulus 100% (DIN 53504)	Ca. 0.48N/mm²
Elongation at Break (DIN 53504)	800 %
Temperature Resistance (°C)	-60°C → 180°C
Application Temperature (°C)	5°C → 35°C

*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 AQ is a high quality, elastic, one-component sealant based on silicones. Silirub AQ is suitable for the construction of aquaria and terraria.

Properties:
- Very easy to apply
- Colourfast and UV-resistant
- Parmanent elastic after curing
- Very good adhesion on glass
- Completely neutral after curing

Packaging:
Colour: transparent and black
Packaging: 300 ml cartridge, 400 ml sausage, other packaging on request

Applications:
- Construction of full glass aquaria and terraria
- Bonding of glass constructions
- Repairing of full glass aquariums

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

Health and Safety Recommendations:
Take the usual labour hygiene into account.
Consult the packaging label for more information.

Substrates:
Substrates: Glass
Nature: Rigid, clean, dry, free of dust and grease.
Surface preparation: No pretreatment required.
We recommend a preliminary adhesion test on any substrate.

Remark:
- Even though this silicone is an acetic silicone, the product is not poisonous 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 sufficient reinforcements to avoid bending of the glass
- Minimum bond thickness should be 1 mm. Never fill the aquarium until full cure

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