



Den Braven

Aqua-Silicone

Silicone for fresh and salt water aquaria



PRODUCT DESCRIPTION

Den Braven Aqua-Silicone is an acetoxysilicone sealant which cures by reacting to moisture to form a durable elastic rubber.

KEY BENEFITS

- Sealant and adhesive
- Non toxic for fish when fully cured
- For fresh and sea water aquaria

APPLICATIONS

Den Braven Aqua-Silicone was specifically developed for bonding and sealing full glass constructions as aquaria, terraria and showcases. The product has excellent adhesion to glass. For selecting the glass thickness of the aquarium we refer to DIN 32622. This product is not harmful for aquatic life after curing!

DIRECTION FOR USE

A joint thickness between the sides and between the sides and the bottom, 1 to 2 mm is advised. Finish internal angles as a triangular joint of 3 to 5 mm depending on the water level. The sealant must be fully cured, curing time up to 1 week, before it can be transported or filled with water. After curing, rinse the aquarium several times with water before use. For further

questions please contact our technical service.

TECHNICAL SPECIFICATIONS

100% Modulus	DIN 53504 S2	0,50 N/mm ²
Application Temperature		+5°C to +40°C
Base		Acetoxysilicone
Application Rate	@ Ø3 mm/6,3 bar	130 g/min
Curing Time	@ +23°C/50% RH	2 mm/24 hours
Density	ISO 1183-1	1.03 g/ml
Elongation At Break	DIN 53504 S2	600%
Flow	ISO 7390	< 2 mm
Frost Resistance		Up to -15°C
Joint Movement		25%
Shore A Hardness	DIN 53505	22
Skin Formation	+23°C/50% RH (DBTM 16)	5-6 minutes
Temperature Resistance		-40°C to +180°C
Tensile Strength	DIN 53504 S2	1.80 N/mm ²

LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for aquaria larger than 1000 litres and/or higher than 60cm
- When gluing glass to glass miniscule air bubbles may still be visible after curing
- Please make sure that the QA13 is fully cured (min 2 weeks) before the aquatic life starts in the intended aquatic environment.

SURFACE PREPARATIONS AND FINISHING

Application temperature: +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean, dry, and free from grease and dust. Clean substrates with Den Braven Cleaner. Den Braven Aqua-Silicone adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Den Braven Primer B1. Always test adhesion prior to application. Use Den Braven Finisher to smooth the joint.

PAINTABILITY

Den Braven Aqua-Silicone is not paintable.

CLEANING

Uncured material and tools can be cleaned by using Den Braven Cleaner. Cured material can only be removed mechanically. Hands can be cleaned with Den Braven Wipes.

PACKAGING DESCRIPTION

Cartridge 300ml

COLOR

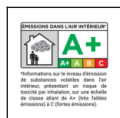
Clear, Black

SHELF LIFE

In unopened original packaging between +5°C and +25°C, shelf life is up to 24 months from production date, stored in a dry place.

BOSTIK CERTIFICATIONS

- A+ French VOC Regulation



HEALTH & SAFETY

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites

WARRANTY & GUARANTEE

Bostik warrants that its product complies, within its shelf life, to its specification.

DISCLAIMER

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