

BOSTIK QA12

Acetoxy silicone sealant for glazing and façade joints

Product Description

BOSTIK QA12 is an acetoxy silicone sealant which cures by reacting to moisture to form a durable elastic rubber. The product is UV and weather resistant.

Benefits

- Excellent resistance to UV, water and weather
- Perfect adhesion to glass, painted wood, ceramic and enamelled
- Permanently elastic

Applications

BOSTIK QA12 was specifically developed for top sealing in glazing systems (1) and for connection joints in buildings. For use in kitchens and bathrooms Bostik recommends BOSTIK QO12A.

Remark (1)

Compatibility of the edge seals of insulation glass with glazing sealants cannot be guaranteed by the supplier of the sealant, as the composition of the edge seals can be changed by the producer without notice. Advice on the compatibility of glazing sealants to the edge seals of insulation glass is based on experience and therefore not guaranteed.

Directions Of Use

A joint with the correct dimensions is able to absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm. For more information see the Technical Bulletin Joint Dimensions in the Knowledge Base on our website www.denbraven.com.

Technical Specifications

100 % modulus	DIN 53504 S2	0,41 N/mm ²
Application rate	@ Ø3 mm/6,3 bar	125 g/min
Application temperature		+5°C to +40°C
Base		Silicone
Curing time	@ +23°C/50% RH	2 mm/24 hours
Density	ISO 1183-1	1,03 g/ml
Elongation at break	DIN 53504 S2	565%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		20%
Shorea hardness	DIN 53505	20
Skin formation	DBTM 16	5-6 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +180°C
Tensile strength	DIN 53504 S2	1,70 N/mm ²
Viscosity		85

These are typical values

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for applications on concrete, marble, lead, copper and galvanized steel

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 Cleaner. BOSTIK QA12 adheres perfectly without the use of a primer to most non porous substrates, like glass, painted wood, ceramic and

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enamelled. Always test adhesion prior to application. Use Finisher to smooth the joint.

Paintability

BOSTIK QA12 is not paintable. We recommend covering the edges of the joint with masking tape to prevent surfaces that will be painted from being contaminated by silicone.



Cleaning

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

Shelf Life

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

Certifications

	Emicode EC1 Plus
	A+ French VOC Regulation
	EN 15651-1: F-EXT-INT-CC 20LM EN 15651-2: G-CC 20LM EN 15651-3: S XS1

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.

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