

Flexseal AS200

Universal silicone sealant



Description

Flexseal AS200 is a universal one-part Acetoxy Cure Silicone Sealant, which cures rapidly on exposure to moisture vapour to form a resilient elastic silicone rubber.

Applications

Recommended for use in sanitary applications, sealing wall joints formed in ceramic tiles in bathrooms and kitchens and perimeter joints formed around UPVC frames. Flexseal AS200 is mildew resistant.

Standards

Flexseal AS200 complies with BS EN ISO 11600 F/G 20 LM.

Method of Use

Joint Preparation

The joint surfaces must be clean, dry and free from all contamination. Primers may be required on some substrates.

Joint Backing

Where applicable, appropriate joint filler e.g. closed cell polyethylene foam, should be used to provide the correct joint depth.

Application

Flexseal AS200 is supplied in cartridges and can be applied into the joint using caulk gun.

All joint preparation, priming, and sealant application should be carried out in accordance with BS 8000, Part 16, the British Standard for the sealing of joints in buildings using sealants.

Packaging

24 x 280 ml plastic cartridge. Polyethylene nozzles are included in each box.

Technical Properties @ 25°C, 50% RH:

Consistency:	Soft paste
Elongation:	> 250%
Density:	0.95 ± 0.05
Tensile strength:	> 1 MPa
UV resistance:	Very good
Skinning time:	20 min @20°C
Shore A hardness:	20 ± 5
Service temperature:	-40 to 100°C
Application temperature:	5 - 40°C
Chemical resistance:	Resistant to most alkalis and dilute acids. Organic solvents may cause the sealant to swell and lose adhesion, but do not directly dissolve the sealant
Service life:	+25 years
Curing rate:	2 mm/24 hr
Colour:	White, black & translucent

Sealant Quantity Estimator

Joint size mm	Meters per Ltr
6 x 6	27.75 m
9 x 6	18.50 m
12 x 9	9.25 m
18 x 10	5.55 m
25 x 10	4.0 m

Precautions

Flexseal AS200 is not recommended on porous substrates such as concrete and stone. Also it is not recommended to be used on bituminous substrates or substrates based on natural rubber and EPDM.

Based upon acetoxy curing system, Flexseal AS200 can corrode mirror, silver, copper, brass and lead. Finally it is not recommended to be used in submerged joints.

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Storage

Flexseal AS200 has a shelf life of 9 months from date of manufacture if stored in original unopened packages stored in a cool, dry place out of direct sunlight.

If these conditions are exceeded, DCP Technical Department should be contacted for advise.

Cautions

Health and Safety

Avoid prolonged contact with the skin. If sealant comes into contact with the eyes, flush with copious volumes of cold water and obtain medical attention.

For further information refer to the Material Safety Data Sheet.

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