Flexseal AS122

Sanitary silicone sealant

Description

Flexseal AS122 is a one part acetoxy cure silicone sealant which cures by reacting with the air humidity to form an elastic silicone rubber. Flexseal AS122 contains a fungicide to help reduce the incidence of mould grouth on the sealnat.

Applications

- Sanitary applications
- Sealing wall joints formed in ceramic tiles in bathrooms/ kitchens
- Perimeter joints around PVC frames.

Advantages

- Easy to apply.
- One component.
- Non-sag.
- UV resistant.
- Remains flexible at wide temperature range.
- Long service life with stable colour.
- Excellent adhesion to most surfaces.

Standards

Flexseal AS122 complies with:
- EN ISO 11600, F/G 20 LM.

Method of Use

Joint preparation

- Joint surfaces must be clean, dry, and free from any contamination.
- The use of self-sticking paper tape (masking tape) on both sides of the joint is recommended in order to maintain clean and uniform joint sides.
- Where applicable, appropriate joint filler - closed cell polyethylene backing rods should be used to provide the correct joint depth.

Application

The closed cartridge is cut at the point where the thread ends. Then the nozzle is screwed on the cartridge and cut (slatwise preferably) to form an opening proportional to the joint width. After the cartridge has been cut appropriately, the sealant is applied in the joint with the use of a caulk gun.

Technical Properties 25°C, 50% RH:	
Consistency:	soft paste
Density:	0.95 ± 0.05
Hardness Shore A:	20 ± 5
Service temperature:	-40°C up to +100°C
Application temperature:	+5 up to 40°C
UV resistance:	very good
Skinning time:	20 min @ 20°C
Curing rate:	2 mm/ day
Elongation at break:	> 250%
Tensile strength:	> 1 MPa
Chemical resistance:	resistant to most alkalis and dilute acids
Colour:	white, transparent, grey, biege, champagne, bronze
Service life:	25 years

Apply Flexseal AS122 into the joint starting from the bottom, ensure that the joint is comletely filled.
Immediately after the application of the sealing material in the joint the surface of the uncured sealant is smoothed with the use of a spatula or by finger.
This will provide a smooth finish and ensure good contact between the sealant and the substrate.
Remove the masking tape directly after tooling the sealant.
Tooling and finishing should be carried out immediately after the application of the sealant.

Limitations

- Not recommended on porous substrates - concrete, stone and marble.
- Not recommended to be used on bituminous substrates or substrates based on natural rubber and EPDM.
- Flexseal AS122 can corrode mirror, silver, copper, brass and lead.
- Not recommended to be used in submerged joints.

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Packaging

Flexseal AS122 is available in 280 ml cartridges, 24 pcs in a box. Polyethylene nozzles are included in each box.

Consumption in joints
(Linear meter per ltr)

Width / Depth	6 mm	9 mm	12 mm	18 mm	25 mm
6 mm	27.75	18.50			
9 mm			9.25		
10 mm				5.55	4.0

Storage

Flexseal AS122 should be stored in original unopened packages at temperature of +5°C - +30°C in a dry place.

Shelf Life

Flexseal AS122 has a shelf life of 12 months if stored under the recommended conditions.

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

Cautions

Health and Safety

If Flexseal AS122 comes into contact the eyes, flush with copious volumes of cold water and obtain medical attention.

Product is non-hazardous once cured.

For further information refer to the Material Safety Data sheet.

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- Concrete repairs.
- Industrial floorings.
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