

Donseal® AS122

Sanitary silicone sealant [Formerly known as Flexseal AS122]



DESCRIPTION

Donseal AS122 is a one-part Acetoxy Cure Silicone Sealant, which cures rapidly on exposure to moisture vapour to form a resilient elastic silicone rubber. Donseal AS122 contains a fungicide to help reduce the incidence of mould growth on the sealant when used in bathrooms, kitchens, etc.

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.

STANDARDS

Donseal AS122 complies with EN ISO 11600 and EN 15651-3:2017, Type S, Class S1.

METHOD OF USE

JOINT PREPARATION

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

It is recommended to use masking tape on each side of the joint to maintain clean and uniform joint sides.

JOINT BACKING

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

APPLICATION

Donseal AS122 is supplied in cartridges and can be applied into the joint using caulk gun.

Apply Donseal AS122 into the joint starting from the bottom, ensure that the joint is completely filled. Tool the surface of the sealant within 15 minutes of the application using a spatula or suitable smoothing liquid.

This will provide a smooth finish and will ensure good contact between the sealant and the substrate. Remove the masking tape directly after tooling the sealant.

TECHNICAL PROPERTIES @ 25°C, 50% RH:

Colour:	White & translucent
Consistency:	Soft paste
Density:	0.98 ± 0.05
Tensile strength:	> 1 MPa
UV resistance:	Very good
Skinning time:	20 min @20°C
Shore A hardness:	20 ± 5
Service temperature:	-40 up to 100°C
Application temperature:	5 - 40°C
Loss of volume: EN ISO 10563	≤ 55%
Resistance to flow: EN ISO 7390	≤ 5 mm
Tensile properties (Elongation at break): EN ISO 10591	≥ 25%
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
VOC:	< 110 g/ltr

PACKAGING

Donseal AS122 is available in 280 ml cartridges. Polyethylene nozzles are included in each box.

SEALANT QUANTITY ESTIMATOR

Joint size mm	Meters per litre
6 x 6	27.75
9 x 6	18.50
12 x 9	9.25
18 x 10	5.55
25 x 10	4.00

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LIMITATIONS

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

STORAGE

Donseal AS122 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, contact DCP Technical Department for advice.

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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Note:

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