

Flexseal NS313

Neutral cure silicone sealant



Description

Flexseal NS313 is a one-part, neutral cure oxime silicone sealant with excellent adhesion, which cures on exposure to moisture to form an elastic silicone rubber.

Applications

Recommended for use in many forms of construction including:

- ▲ Joints between concrete, glass, porcelain, ceramic, wood and metals.
- ▲ Wall joints.
- ▲ Perimeter seals on curtain walling.
- ▲ Around frames, doors and windows.
- ▲ Internal and external applications.

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 NS313 is supplied in cartridges and can be applied into the joint using a skeleton gun. Cut-off the cartridge top then the nozzle to required size.

Attach the nozzle to the cartridge. Extrude the sealant firmly against the joint surfaces to ensure complete contact.

Tool the sealant into the joint to compact and achieve a good surface finish. Tool within 5 minutes from the application of the sealant.

It is recommended to use masking tape on each side of the joint to maintain a clean and uniform joint side. Remove the masking tape directly after tooling the sealant.

Technical Properties:

Specific gravity:	1.0 ± 0.05
Elongation: ASTM D412	> 400%
Tensile strength: ASTM D412	0.8 MPa
Shore A hardness: ASTM D2240	20 ± 5
Curing rate:	1 - 2 mm/day
Skin over time:	10 min
Tack free time:	15 - 20 min
UV resistance:	Very good

Cleaning

Uncured sealant can be removed using DCP solvent, cured sealant should be removed mechanically.

Packaging

Flexseal NS313 is available in 280 ml cartridges.

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

Storage

Flexseal NS313 has a shelf life of 9 month from the date of manufacture if stored in original unopened packages stored in a cool, dry place out of direct sunlight (at temperatures below 25°C).

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

Don Construction Products - Jordan

Showroom (1):

Khalda Street, Al-Darraas Building # 276

Showroom (2):

AlHurriyah Street, Near Alhamaidah Circle,
Building # 66

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Cautions

Health and Safety

During curing, vapours of methylethylketoxime are released. These vapours should not be inhaled for long periods or in high concentration. Hence, good ventilation of the work place is necessary. If Flexseal NS313 comes into contact the eyes, flush with copious volumes of cold water and obtain medical attention.

For further information refer to the Material Safety Data Sheet.

Fire

Flexseal NS313 is nonflammable.

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- ▲ Surface treatments
- ▲ Grouts and anchors.
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Note:

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