

Flexseal NS196

Neutral Cure Silicone Sealant



Description

Flexseal NS196 cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber.

Application

- ▲ sealing of low stress connection and expansion joints in the building industry
- ▲ sealing of low stress joints in sanitary areas like e.g. bathrooms and kitchens
- ▲ sealing of low stress perimeter joints.

Flexseal NS196 is suitable for sealing and joining constructions of:

- ▲ glass,
- ▲ tiles, ceramics, glazed tiles,
- ▲ metals (aluminium, steel, zinc, copper),
- ▲ plastics (PVC, epoxides, polyester, polyacrylate),
- ▲ varnished or painted wood,
- ▲ concrete,
- ▲ plaster,
- ▲ bricks.

Advantages

- ▲ primerless adhesion to most common substrates of the building sector.
- ▲ non-sag
- ▲ good weatherability
- ▲ low odor
- ▲ non-corrosive to metals
- ▲ Suitable for alkaline substrates such as concrete, mortar, fibrous concrete.

Method of Use

Surface

The sealant must be applied on clean and dry surfaces without any dust, loose particles, oil.

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 23°C, 50% RH:

Density:	0.99 gr/ cm ³
Application temperature:	+5°C to +40°C
Hardness Shore A:	24
Skinning time:	35 min
Curing rate:	2.0 mm/ day
Elongation at break:	250 %
Service life:	+25 years
Colours:	transparent
Temperature variations resistance:	- 40°C to +120°C

The use of self-sticking paper tape (masking tape) on both sides of the joint is recommended in order to avoid soiling.

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.

Limitations

The width of the joint must be neither less than 3 - 4 mm, nor more than 30 - 40 mm.

Flexseal NS196 must not be used as a secondary sealant in insulating glass units.

Flexseal NS196 must not be used for structural glazing bonding.

Flexseal NS196 is not suitable for use on natural stones, such as marble, granite, quartzite.

Flexseal NS196 is not suitable for use as a mirror adhesive.

Flexseal NS196 is not suitable for food contact applications.

Flexseal NS196 is not suitable for the long-term use under water.

Packaging

Flexseal NS196 is available in 280 ml cartridges, 12 pcs in a box. Polyethylene nozzles are included in each box.

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Storage

Flexseal NS196 should be stored in original unopened packages at temperature between +5°C and +30°C in a dry place.

Shelf Life

Flexseal NS196 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

Contact with eyes must be completely avoided. In such case wash with copious volumes of water.
Keep it away from children.

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