



Building-Construction Silicone

Neutral

A neutral cure, high performance silicone sealant designed for gap filling and sealing in a wide range of use in building and construction. It combines the advantages of outstanding adhesion to building materials and non-corrosive and odorless curing.

Advantages:

- One component, moisture-cured.
- Excellent primer less adhesion to numerous porous and non-porous substrates.
- Noncorrosive. Does not react with or corrode common building materials.
- Excellent weather ability in direct sunlight, rain, snow and ozone.
- Resistant to temperature extremes (-40°F to +356°F).
- Fast curing.
- Low modulus, high elasticity.
- 100% Silicone, solvent less.
- Very low odor.
- Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

Usage Areas:

- Sealing of connection joints in building industry (brick, wall, concrete, PVC, wood, glass etc.)
- Weather seal applications.
- Mounting of windows and doors.
- Glazing works.
- Sealing applications in kitchens and bathrooms.

How to use:

- Ensure that surfaces to be sealed are clean, dry and grease free.
- The application temperature must be between +41°F and +104°F.
- In order to reduce the deformations of the joints, their depth must be much less than their width, minimum dimensions are 0,2x0,2 in, for wider joints the depth should be preferably half of the width and it is adjusted by the use of a backup material.
- After the application, the sealant must be tooled with light pressure within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish.
- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.
- Recommended for joint widths between 0,4 in to 1,4in.



- Joint width and depth ratio should be about 2:1.

Consumption (approx.):

Joint Width	0,4in	0,6in	0,8in
Joint Depth	0,2in	0,3in	0,4in
Efficiency /10,1 oz	16,4ft	8,2ft	4,9ft

Limitations:

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Not over paintable.
- It is not suitable for food contact applications.

Safety

Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check MSDS guidelines for disposal and further information concerning safety.

Shelf Life:

The shelf life is 15 months if stored in unopened-original package in a dry place.

Packaging (Weight/Volume):

10,1oz (Transparent, White, Grey, Black).
12pcs in a box.

Physical & Chemical Properties

Chemical Structure: Silicone Polymer

Curing System: Neutral (Oxime)

Density: 1.02 ± 0.03 g/ml (Transparent)

Density: 1.20 ± 0.03 g/ml (Other Colors)

Hardness Shore A: 17-25 (ISO 868)

(Transparent)

Hardness Shore A: 22-32 (ISO 868) (Other Colors)

Skin Time: 5 - 10 min. (73°F and 50% R.H)

Curing Rate: Min. 0,1 inch/day (73°F and 50% R.H)

Tensile Strength: ≤ 58 PSI (ASTM D 412)

Sagging: 0 inch (ISO 7390)

Elongation at Break: ≥400% (ASTM D412) (Transparent)

Elongation at Break: ≥350% (ASTM D412) (Other Colors)

Elastic Recovery: Approx. 100% (ISO 7389)

Service Temperature: -40°F to +356°F

Application Temperature: +41°F to +104°F