

Seal-Tek Silicone Sealant

Overview

Seal-Tek Silicone Sealant is a medium-modulus silicone sealant that forms a durable, weatherproof sealant used in conjunction with CRFC silicone roofing coating systems or joint applications. This product can be used to seal and protect roof penetrations, seams, fasteners, and other roofing substrates and surfaces.

Features and Benefits

- Easily applied with caulking gun
- Superior adhesion
- Single-component, low odor
- Easy to use in most applications
- Excellent sealer over fasteners, rough substrates, seams, details, and transitions
- Low VOC levels allow for application in most regulated areas

Installation

1. All surfaces must be clean, dry, sound, and free of contaminants. A thorough wire brushing, grinding, sandblasting, or solvent cleaning may be required to prepare the surface.
2. Seal-Tek Silicone Sealant does not require a primer on most common, nonporous building substrates.
3. Ensure that the sealant is completely cured prior to subsequent applications of coating.
4. Clean up with Rule 66 mineral spirits.

Review Carlisle Roof Foam and Coatings' specifications and details for complete installation information. Please contact CRFC for more information.

Precautions

- Apply Seal-Tek Silicone Sealant when ambient air and substrate temperatures are above 20°F (-6°C) and when inclement weather is not forecast.
- Seal-Tek Silicone Sealant is not recommended for silicone structural glazing, application in confined areas without proper ventilation, or joints under constant water submersion.
- The shelf life of this product in unopened containers when stored between 50°F and 100°F (10°C and 38°C) is 12 months from the date of manufacture.
- See Safety Data Sheet (SDS) for complete safety information.

Typical Physical Properties

| Property | Test Method | Seal-Tek Silicone Sealant |
|--|-------------|---------------------------|
| Dynamic Joint Movement | ASTM C719 | 45% |
| Accelerated Weathering – 5,000 hours | ASTM D2697 | Pass |
| VOC | ASTM C793 | <50 grams/L |
| Hardness – Shore A | ASTM C661 | 25 |
| Tensile Strength | ASTM D412 | 140 psi |
| Elongation | ASTM D412 | 38% |
| Tack-Free Time at 77°F (25°C) and 50% RH | ASTM C679 | 30 minutes to 1 hour |
| Cure Time at 77°F (25°C) and 50% RH (3/8" depth) | | 6–12 hours |
| Color | | White, Tan, Light Gray |

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

Shipping Information

| Container Size | Gross Weight | Class |
|---|--|-------|
| 10.0 fl. oz. (296 mL) Cartridge | 25 lbs. (11.3 Kg) | 55 |
| D.O.T. Classification: Sealant Caulk, Non-Regulated | Protect from freezing (32°F/0°C) during shipping and storage | |