



TECHNICAL DATA SHEET
925 BES Sealant
Building Envelope Sealant

Physical Property	Typical Value	Test Method
Color	Black, Gray, White	-
Application Temperature	32°F to 110°F (0°C to 43°C)	-
Service Temperature, cured	-40°F to 180°F (-40°C to 82°C)	-
Durometer Hardness	25 ±5 Shore A	ASTM D2240
Density	13 lbs/gal	-
Elongation, max	450-550%	ASTM D412
Dry Time	Initial Set: 60-90 min at 77°F (25°C) Set Through: 24 hours	-
Tensile Strength	150-200 psi	ASTM D412
Modulus	40-50% psi	-
VOC Content, max	5 g/L	EPA Method 24

Approvals and Certifications

- Meets ASTM C719 ± 35%
- Meets Fed Spec TT-S-00230C, Type II, Class A
- Meets ASTM C920 Type S, Grade NS, Class 35
- Granted SWR Institute Certificate of Validation

Description

925 BES Sealant is a premium, moisture cure sealant for construction joints subject to dynamic joint movement. This one-part, low odor, moisture cure product provides excellent weathering resistance, flexibility, very low VOC, through use of a silyl-terminated polyether (STPE) polymer. Upon curing, it is paintable with latex based paints. This product is fully compatible with Henry® air barrier, flashing, roofing and waterproofing systems.

Usage

- Building envelope sealant for self-adhered air barriers
- External joint sealant for Henry® air barrier, waterproofing and roofing systems
- Alternative to silicone and moisture cure urethanes in above-grade construction applications
- Construction joints up to 1" (25 mm) width, subject to dynamic joint movement of ± 35%

Application

Surface Prep: Joints must be sound, smooth, uniform and free from defects and foreign materials. Joints must also be clean, dry, free of frost and all contaminants, such as curing compounds, sealers, or coatings. Sealant adhesion should be tested on each different substrate prior to use by applying a bead allowing to cure thoroughly. To test adhesive strength, pull one end of the bead.

Apply: Cut nozzle to desired bead size; puncture inner seal. Apply at a 45° angle while pushing sealant ahead of nozzle. The width of the joint should be a minimum of 4 times the anticipated movement. In joints up to ½" (13 mm) wide, the depth of the sealant should be equal to the width, but not less than ¼" (6 mm). In joints wider than ½" (13 mm), the depth should be maintained at ½" (13 mm). Maximum joint width for installation is 1" (25 mm). In vertical and horizontal joints, tooling is necessary to aid contact with the substrate and eliminate air bubbles.

Clean-up

Clean hands and equipment with biodegradable terpene solvent such as citrus-based hand cleaner.

Packaging

10.3 oz cartridge
20 oz sausage

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Storage

925 BES Sealant has a shelf life of 12 months from date of manufacture when stored in original unopened container at or below 80°F (27°C). Containers should always be kept sealed when not in use.



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