

Universal Single-Ply Sealant



Overview

Carlisle's Universal Single-Ply Sealant is a 100% solids, solvent-free, one-part polyether sealant that provides a weather-tight seal to a variety of substrates. Universal Single-Ply Sealant can be used as a sealant above Termination Bar for Sure-Weld®, Sure-Flex™, and Sure-White® fully adhered and mechanically fastened roofing systems. It is also excellent for use in counter flashing, coping, and scupper details. Available in White and Gray.

Features and Benefits

- » Excellent adhesion to a variety of substrates
- » Low VOC
- » Wide range of applications
- » Gray is approved for use as a lap sealant on Gray Sure-Seal Elastoform Flashing
- » Standard Colors:



White

Gray

Coverage Rate

25' (7.6 m) per tube or 600' (183 m) per carton using a ¼" (8 mm) bead.

Application

1. Universal Single-Ply Sealant is a one-component, ready-to-use material that requires no mixing or preparation.
2. Surface preparation: Surfaces shall be dry, clean, and free of all dust or contamination that may negatively affect adhesion. Cleaning with Carlisle's Weathered Membrane Cleaner or Low-VOC Membrane Cleaner may be required.
3. Use a high-quality caulking gun to ensure ease of application.
4. Universal Single-Ply Sealant typically is tack-free in 25 minutes and skins over within 45 minutes. Full cure occurs in 3 to 7 days, depending on temperature and humidity levels.
5. Clean up: Remove excess sealant adjacent to joint prior to cleaning with Carlisle's Weathered Membrane Cleaner or Low-VOC Membrane Cleaner.

IMPORTANT – Gray Universal Single-Ply Sealant is required for use as a lap sealant when installing Gray Sure-Seal Pressure-Sensitive Elastoform Flashing to Gray TPO membrane. To ensure adequate adhesion, primer must be installed to the surface of the Elastoform Flashing in any area that is to receive the Gray Universal Single-Ply Sealant.

Review Carlisle specifications and details for complete installation information.

Precautions

- » Store in original, unopened containers in a cool, dry area. Protect unopened containers from heat and direct sunlight. Elevated temperatures will reduce shelf life.
- » Do not use Universal Single-Ply Sealant in temperatures below 40°F (4°C).
- » For industrial professional use only. May not be repackaged or resold for other than industrial or professional use.
- » Avoid prolonged contact with skin.
- » Uncured adhesive is an eye irritant. In case of contact with eyes, immediately flush with water.
- » Do not ingest. If ingested, contact a physician immediately.
- » Review Safety Data Sheet for complete safety information prior to use.
- » KEEP OUT OF THE REACH OF CHILDREN.

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Typical Properties and Characteristics

Color	White or Gray
Viscosity	850,000 Cps.
Tack-Free Time	25 minutes depending on temp/humidity
Cure Time	3-7 days depending on temp/humidity
Flow, Sag, or Slump	None (¼" [8 mm] Bead)
Staining	None
Ozone Resistance	Good
UV Resistance	Excellent
Cured Hardness (Shore A)	17-55
Shear Strength	150-208 PSI
Weight per Carton	25 lbs (11.3kg) @ 24/ctn 12.5 lbs (5.7kg) @ 12/ctn
Packaging	White – 24 Cartridges, 10.1 fl. oz. (298 mL) each Gray – 12 Cartridges, 10.1 fl. oz. (298 mL) each
Shelf Life	12 months, unopened container @ 90°F (32°C)
VOC Content	22 g/L

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.

LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	MI
Solar Reflectance Index (SRI)	N/A