

WeatherBond

Universal Single-Ply Sealant



Overview

WeatherBond'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 WeatherBond's TPO, PVC, and White EPDM fully adhered and mechanically attached 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 Uncured Flashing Flashing

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 WeatherBond'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 WeatherBond'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 WeatherBond's Peel & Stick Uncured Flashing to Gray TPO membrane. To ensure adequate adhesion, primer must be installed to the surface of the Uncured Flashing in any area that is to receive the Gray Universal Single-Ply Sealant.

REVIEW CURRENT WEATHERBOND INSTALLATION INSTRUCTIONS FOR SPECIFIC APPLICATION REQUIREMENTS.

Precautions

1. Store in original, unopened containers in a cool, dry area. Protect unopened containers from heat and direct sunlight. Elevated temperatures will reduce shelf life.
2. Do not use Universal Single-Ply Sealant in temperatures below 40°F (4°C).
3. For industrial professional use only. May not be repackaged or resold for other than industrial or professional use.
4. Avoid prolonged contact with skin.
5. Uncured adhesive is an eye irritant. In case of contact with eyes, immediately flush with water.
6. Do not ingest. If ingested, contact a physician immediately.



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Single-Ply Simplified

Typical Properties and Characteristics

| Property | Test Method |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| 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

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



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P.O. Box 251 | Plainfield, PA 17081 | 866.471.5125 | FAX: 717.960.4034 | www.weatherbondroofing.com

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