

WeatherBond Universal Single-Ply Sealant



Overview

Universal Single-Ply Sealant is a 100%-solids, solvent-free, one-part, polyether sealant that provides a weather-tight seal to a variety of building substrates. Universal Single-Ply Sealant can be used as a termination bar sealant for WeatherBond PRO TPO and WeatherBond RBR White EPDM Fully Adhered and Mechanically Attached Roofing Systems. It is also an excellent product for use in counter flashing, coping and scupper details.

Intended Uses

Universal Single-Ply Sealant has excellent adhesion to substrates such as stone, masonry, ceramic, marble, wood, steel and aluminum, as well as most plastics and composites. Universal Single-Ply Sealant is not recommended as a glass-glazing sealant.

Features and Benefits

- Excellent adhesion to various substrates
- VOC free
- Versatile applications

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 and contamination, which may harmfully affect the adhesion of the sealant. Cleaning with WeatherBond's Weathered Membrane Cleaner may be required.
3. A quality caulking gun should be used 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.
5. Clean Up - Remove excess sealant adjacent to joint prior to curing with Weathered Membrane Cleaner. Uncured sealant can also be removed from tools or equipment with the Weathered Membrane Cleaner.

Precautions

1. Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes, immediately flush with water. Consult a physician if ill effects occur.
2. Store in original unopened containers in a cool, dry area. Protect unopened containers from heat and direct sunlight. Elevated temperatures will reduce shelf life.
3. KEEP OUT OF THE REACH OF CHILDREN.
4. For industrial professional use only. May not be repackaged or resold for other than industrial or professional use.
5. See Material Safety Data Sheet for complete safety information before using product.
6. Do not use Universal Single-Ply Sealant in temperatures below 40°F.

** REVIEW CURRENT WEATHERBOND SPECIFICATIONS AND INSTALLATION GUIDES FOR SPECIFIC APPLICATION REQUIREMENTS.

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Coverage

25' (7.6 m) per tube or 600' (183 m) per carton using a 3" (6 mm) bead.

Typical Properties and Characteristics*

Property	Test Method
Color	White
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" Bead)
Staining	None
Ozone Resistance	Good
UV Resistance	Excellent
Cured Hardness (Shore A)	21–27
Shear Strength	75 PSI
Weight per Carton	26 lbs
Packaging	24 Cartridges, 10.1 fl. oz each
Shelf Life	12 months, unopened container @ 90°F

* General properties, 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 or specification range for any particular property of this product.