



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-White Single Ply Sealant

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-White 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. Provides excellent adhesive to substrates such as stone, masonry, ceramic, marble, wood, steel, aluminum, most plastics and composites. Not recommended as a glass-glazing sealant.

USES:

ERS-White Single Ply Sealant can be used as a:

- Lap-sealant for White-on-Black EPDM roofing systems
- Sealant for All-Purpose Bar on EPDM, TPO, and PVC systems
- Sealant for counter flashings, copings, and scupper details

PHYSICAL CHARACTERISTICS:

Typical Properties and Characteristics	
Viscosity	850,000 Cps
Tack Free Time	25 minutes depending upon temperature
Cure Time	3-7 days depending upon temperature
Flow, Sag or Sump	None (1/4" bead)
Staining	None
Ozone Resistance	Good
UV Resistance	Excellent
Cured Hardness (Shore A)	21-27
Shear Strength	75 PSI
Color	White

PACKAGING:

Packaging	
Weight per Carton	24 lbs
Packaging	24 tubes, 10.1 fluid oz. each (per carton)
Shelf Life	12 months (unopened tube @ 90°F)

ADVANTAGES:

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

COVERAGE RATES:

25 feet (7.6 m) per tube or 600 feet (183 m) using a 0.250 " (6 mm) bead

INSTALLATION TEMPERATURE:

Do not install in temperatures below 40°F

INSTALLATION INSTRUCTIONS:

1. ERS-White 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, which may harmfully affect the adhesion of the sealant. Cleaning with Ecology Roof Systems' Weathered Membrane Cleaner may be required.
3. A quality caulking gun should be used to ensure ease of application.
4. ERS-White 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 Carlisle's 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 ERS-White Single Ply Sealant in temperatures below 40 degrees F.

PROTECTION & SAFETY:

Ecology Roof Systems maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Ecology Roof Systems' Material Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Ecology Roof Systems products in your facilities.

Ecology Roof Systems[®]

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