WeatherBond

Black Lap Sealant and White Lap Sealant

Overview

WeatherBond's Lap Sealants are heavy-bodied trowel- or gun-consistency materials used in conjunction with roofing system materials. Its primary use is to seal the exposed edges of EPDM membrane splices. Lap Sealants are extremely durable. The cured rubber consistency enables them to expand and contract with the membrane.

WeatherBond Black Lap Sealant is to be used to seal splice edges of cured black EPDM and uncured EPDM Flashing. White Lap Sealant seals the splice edges of cured White EPDM and uncured White EPDM Flashing.

Features and Benefits

- Various application methods - trowel, caulk gun, etc.
- Cured rubber consistency
- Able to expand and contract with EPDM membrane
- Seals exposed edges of EPDM and provides a durable barrier to weather extremes

Coverage Rates

22' (6.7 m) per tube using a 5/16" (8 mm) bead.

Application

1. All surfaces to be sealed with Lap Sealant must be firm, dry and free of oil, talc dust and other foreign materials.
2. After seams are cemented together with the proper splicing materials, clean the rubber to remove all foreign materials by wiping with a Splice Wipe (or equivalent) dampened with Weathered Membrane Cleaner. **(Note: Protective gloves MUST be worn while using cleaner.)**
3. Apply a 5/16" (8 mm) bead of Lap Sealant (22' [6.7 m] per cartridge) along the exposed edge of the membrane.
4. Using the feathering tool supplied with the sealant, feather the sealant bead so the high point is above the offset of the splice and the edges are feathered onto the deck.
5. Lap Sealant must be applied and feathered on all splice edges by the end of the working day. Cured-to-cured membrane field splices must be allowed to age at least two hours before Lap Sealant is applied. Uncured EPDM Flashing field seams and splices between cured membrane and Uncured EPDM Flashing may be sealed immediately.

REVIEW CURRENT WEATHERBOND INSTALLATION INSTRUCTIONS FOR SPECIFIC APPLICATION REQUIREMENTS.

Precautions

1. Review the applicable Safety Data Sheet for complete safety information prior to use.
2. Lap Sealant is EXTREMELY FLAMMABLE. It contains solvents that are dangerous fire and explosion hazards when exposed to heat, flame or sparks. Store and use away from all sources of heat, flame or sparks. Do not smoke while applying. Do not use in a confined or unventilated area. Vapors are heavier than air and may travel along ground to a distant ignition source and flash back. A red caution label is required when shipping.
3. Avoid breathing vapors. Keep container closed when not in use. Use with adequate ventilation. If inhaled, remove to fresh air. If not breathing, perform artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately
4. If swallowed, DO NOT INDUCE VOMITING. Call a physician immediately.
5. Avoid contact with eyes. Safety glasses or goggles are recommended. If splashed in eyes, immediately flush eyes with plenty of clean water for at least 15 minutes. Contact a physician immediately.
6. Avoid contact with skin. Wash hands thoroughly after handling. In case of contact with skin, thoroughly wash affected area with soap and water.

   NOTE: Permeation-resistant gloves (that meet ANSI/ISEA 105-2005) are to be worn when using this product to protect hands from irritating ingredients.
7. Follow WeatherBond's recommended splice instructions.DO NOT USE as Splice Adhesive between rubber membranes.

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8. Jobsite storage temperatures in excess of 90°F (32°C) may affect product shelf life. Should the Lap Sealant be stored at temperatures below 60°F (15°C), restore to room temperature prior to use.
9. By using an excessively wet solvent cloth while cleaning the splice edge, solvent may be left in the offset of the membrane sheets. To avoid causing this problem, use a damp rag and make sure the Weathered Membrane Cleaner is completely flashed off the area before Lap Sealant application.
10. If applied during periods of cold, dampness or high humidity, it is possible that evaporation of solvents will be substantially reduced, resulting in some slight membrane swelling. This would be further aggravated should the sealant be applied in an unusually heavy coat.
11. Coverage rates are average and may vary due to conditions on the jobsite.
12. KEEP OUT OF THE REACH OF CHILDREN.

Typical Properties and Characteristics

Property	Results
Color	Black White
Solids	Black – 63% White – 55%
Flash Point	Black 40°F (4°C) Tag Open Cup White 52°F (11°C) Closed Cup
Service Temperature	-60°F to 180°F (-51°C to 82°C)
Specific Gravity	Black – 1.03 White – 1.16
Cold Weather Flex.	Excellent
Resistance to: Staining General Weathering Ozone Ultraviolet Radiation Slump Water Acid Alkali	 Excellent Excellent Excellent Excellent Very Good Excellent Good Good
VOC	Black – 395 grams/liter White – 448 grams/liter
Average Net Weight/gallon	Black – 8.58 lbs (1.03 Kg/l) White – 9.94 lbs (1.19 Kg/l)
Packaging	25 Tubes/Carton
Shelf Life	1 year

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.

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Single-Ply Simplified

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