Sure-Seal®/Sure-White® Splicing Cements

Overview

Let Carlisle simplify your next EPDM installation with their Sure-Seal and Sure-White Splicing Cements. Sure-Seal and Sure-White Splicing Cements are high-strength, solvent-based contact cements that are used to provide high-performance seams for EPDM membranes and flashings. They are specially formulated for applications with a ½" (13 mm) medium nap roller and/or a ½" (13 mm) thick paintbrush.

Features and Benefits

- High-strength, solvent-based contact cement
- Provides a high-performance seam for EPDM membrane and flashings
- Limited to 10-year warranties

Coverage Rate

Coverage rate is 100 ft²/gallon on average and may vary due to conditions on the jobsite.

Application

1. Stir Splicing Cement for five minutes, thoroughly scraping the sides and bottom of the can until a solid, uniform consistency is achieved. No heavier material should be remaining on the bottom or sides of the can. Some lots may contain more thick material on the bottom than other lots. Stirring for five minutes will make the cement smooth and homogenous.
2. Clean the dry mating surfaces by scrubbing with HP Splice Wipes (or equivalent) saturated with Weathered Membrane Cleaner to achieve a solid surface color with no dust streaking. Caution: Permeation-resistant gloves (that meet ANSI/ISEA 105-2005) are required.
3. Apply Splicing Cement (stirred for 5 minutes) with a ½" (13 mm) medium nap roller to achieve a heavy, smooth and consistent 100% coat without puddles. A small, long-bristle, ½" (13 mm) paint brush must be used in corners and angle changes.
4. Check the dryness of the cement before assembly. The Splicing Cement should be tacky but should not move when pushed with a dry finger (tack and push test). Avoid over-drying! If cement over-dries and is not tacky, recoat with splicing cement.
5. Apply a continuous 5⁄32" (4 mm) bead of In-Seam Sealant. Avoid over-drying. Refer to current specifications and details for exact locations.
6. Break the membrane edge free and roll (do not flop) the top sheet onto the mating surface. Use care not to stretch or wrinkle the membrane.
7. Use hand pressure to assemble the splice by wiping toward the splice edge.
8. Roll the seam toward the splice edge with a 2" (50 mm) hand roller.
9. Apply Lap Sealant per current specifications and details.

REVIEW CURRENT CARLISLE SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS.

Sure-Seal/Sure-White Splicing Cements

Precautions

1. Review the applicable Material Safety Data Sheet for complete safety information prior to use.
2. Splicing Cements are EXTREMELY FLAMMABLE. They contain petroleum distillates 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. During application, efforts must be made to prevent fumes from entering the building via air ventilation ducts. Do not place open containers or mix adhesive near fresh-air intake units. When possible, shut down or seal off the closest units. 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 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 recommended to be worn when using this product to protect hands from irritating ingredients.
7. Do not thin Splicing Cements. Thinning will affect performance.
8. Jobsite storage temperatures in excess of 90°F (32°C) may affect product shelf life. This will eventually thicken the cement and cause the product to become difficult or even impossible to use. When storage temperatures become elevated, Splicing Cements should be stored in a controlled environment. Should Splicing Cement be stored at temperatures below 60ºF (15°C), restore to room temperature prior to use. Stir cement occasionally while using.
9. Opened containers of Splicing Cement should be used within 48 hours. Cement will begin to thicken after this time, making it difficult and eventually impossible to control adhesive thickness.
10. KEEP OUT OF THE REACH OF CHILDREN.

Sure-Seal and Sure-White Splicing Cements	
Typical Properties and Characteristics	
Base	Synthetic Rubber
Color	Sure-Seal – black Sure-White – white
Solids	Sure-Seal – 30% Sure-White – 28%
Flash Point	8°F (-13°C) Closed Cup
Average Brookfield Viscosity	Sure-Seal – 3800 Centipoise Sure-White – 3500 Centipoise
Average Net Weight	Sure-Seal – 7.4 lbs./gal. (0.89 Kg/l) Sure-White – 7.5 lbs./gal. (0.9 Kg/l)
Packaging	Sure-Seal – 6 1-gal. cans Sure-White – 6 1-gal. cans
Shelf Life	Sure-Seal – 12 months Sure-White – 9 months

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.

LEED® Information	
Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
VOC Content	Sure-Seal – 605 grams/liter Sure-White – 637 grams/liter
Manufacturing Location	Carlisle, PA

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