

TECHNICAL DATA BULLETIN

CLASSICBOND: LAP SEALANT

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GENERAL:

Lap Sealants are heavy bodied trowel or gun consistency materials, designed to be used in conjunction with roofing and waterproofing system materials. It is primarily used to seal the exposed edges of rubber membrane splices.

Lap Sealants are extremely durable materials which dry to the touch in approximately 30 minutes depending on thickness of application and weather conditions. Its cured rubber consistency enables it to expand and contract with the movement of the membrane without cracking or loss of adhesion.

Lap Sealants may also be used as a sealant in mechanical terminations on vertical or horizontal surfaces, or to seal membrane terminated in reglets in accordance with published details. Lap Sealant must be applied and feathered on all splice edges by the end of the working day.

Classic Bond Lap Sealant - is designed for sealing splice edges involving cured Sure-Seal (black) EPDM and butyl membranes and uncured Classic Bond EPDM Elastoform Flashing .

TYPICAL PROPERTIES AND CHARACTERISTICS:

Properties and Characteristics	
Color	Black
Solids	63%
Flash Point	40°F (4°C) Tag Open Cup
Service Temp.	-60°F to 180°F -51°C to 82°C)
Net Weight Per Gallon	8.58 pounds (3.9 Kg)
Specific Gravity	1.03
Cold Weather Flex.	Excellent
Resistance to:	
Staining	Excellent
General Weathering	Excellent
Ozone	Excellent
Ultraviolet Rad.	Excellent
Slump	Very Good
Water	Excellent
Acid	Good
Alkali	Good
Packaging	25 Tubes/Ctn. 5 Gal. Pail
Shelf Life	1 Year

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CAUTIONS AND WARNINGS:

1. Review the applicable Material Safety Data Sheet for complete safety information prior to use.
2. Lap sealants are **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 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 contact with eyes occurs, 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.
7. Follow Classic Bond's recommended splice instructions. **DO NOT USE** as splice cement between rubber membrane.
8. Job site 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 solvents in the Splice Cleaner are 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 job site.
12. **KEEP OUT OF THE REACH OF CHILDREN.**

COVERAGE:

22' (6.7 m) per tube or 256' (78 m) per gallon 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 an HP Splice Wipe or natural fiber rag dampened with appropriate 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. Elastoform Flashing field seams and splices between cured membrane and Elastoform Flashing may be sealed immediately.

* 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.

** REVIEW CURRENT CLASSIC BOND SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS