

RUBBERBOND Bonding Adhesive



Overview

Let us simplify your next EPDM installation with Bonding Adhesive. Bonding Adhesive is a high-strength, solvent-based contact adhesive that allows quick bonding of cured flashings and membranes to various substrates. This adhesive is specially formulated for application with a 13 mm medium nap roller, spreader or brush. This Bonding Adhesive is designed for bonding RubberBond EPDM to various substrates.

Intended Uses

90-8-30A Bonding Adhesive is ideal for bonding cured flashings and membranes to various substrates.

Features and Benefits

- High-strength adhesive that allows quick bonding
- Can be applied with a medium nap roller or brush for ease of application
- Provides excellent adhesion between various substrates and EPDM membrane

Application **

1. The surface, on or against which adhesive is to be applied, shall be clean, smooth, dry, and free of fins, sharp edges, loose and foreign materials, oil and grease. Depressions greater than 1/4" (6 mm) shall be feathered, using epoxy, mortar or other approved patching material. All sharp projections shall be removed by sweeping, blowing or vacuum cleaning.
 2. After thorough stirring (minimum 5 minutes), apply Bonding Adhesive to substrate and membrane using a medium nap roller, spreader or brush. Application shall be continuous and uniform avoiding globs or puddles. An open time of 5 to 50 minutes is recommended before assembly. Bonding Adhesive must be allowed to dry until it does not string or stick to a dry finger touch. Any coated area that is rained on should be allowed to dry and then recoated. Do not apply Adhesive to splice areas.
 3. Mate the membrane with the adhesive-coated substrate while avoiding wrinkles. Immediately brush down the bonded portion of the sheet with a soft bristle push broom or a clean dry roller applicator to achieve maximum contact. In some applications, swelling of the membrane may occur initially, but this will disappear after several days' exposure. Do not re-broom membrane in an attempt to remove swelling.
- * 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 SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS.

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Exclusive UK & Ireland distributors for Carlisle-Syntec and RubberBond EPDM

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RUBBERBOND BONDING ADHESIVE

Precautions

1. Review the applicable Material Safety Data Sheet for complete safety information prior to use.
2. Bonding Adhesive 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. 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.
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: Solvent resistant gloves are recommended to be worn when using this product to protect hands from irritating ingredients.

7. Do not thin Bonding Adhesive. Thinning will affect performance. Excessively thick or gelled material should be discarded.
8. Job site storage temperatures in excess of 90°F (32°C) may affect product shelf life. Should the Bonding Adhesive be stored at temperatures below 60°F (15°C), restore to room temperature prior to use.
9. These materials are sensitive to atmospheric moisture; heat will accelerate the effect of moisture. Opened containers of Bonding Adhesive should be used within 48 hours. Adhesive will begin to thicken after this point, making it difficult, and eventually impossible, to control adhesive thickness. In hot weather, do not leave sealed containers on roof for prolonged periods of time. In cold weather, keep material at room temperature until ready to use. Stir adhesive occasionally while using.
10. Coverage rates are average and may vary due to conditions on the job site.
11. **KEEP OUT OF THE REACH OF CHILDREN.**

Mixing

Stir thoroughly until all settled pigments are dispersed and the cement is uniform in color. Minimum five (5) minutes stirring is recommended.

Coverage Rates

Bonding Adhesive - 2.4 sq m per litre finished surface. Porous surfaces and substrates may require more bonding adhesive than the typical coverage rate.

Typical Properties and Characteristics

Base	Synthetic Rubber
Color	Beige
Solids	18-22%
Flash Point	-22° C Closed Cup
Average Viscosity	3750 Centipoise)
Packaging	5 litre
Shelf Life	1 year

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