

## **GENERAL INSTRUCTIONS FOR MEMBRANE BONDING ADHESIVES**

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

**TEMPERATURES:** Membrane adhesives are designed to be applied when the ambient temperature is 40oF (4oC) and rising. Do not apply if ambient temperature will drop below 32oF (0oC) before adhesive dries. Job site storage temperatures in excess of 90oF (32oC) may affect product shelf life. Should the Bonding Adhesive be stored at temperatures below 60oF (15oC), restore to room temperature prior to use. Do not store below 40F. 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.

**APPLICATION: Test your methods and local conditions in a small area before proceeding.**

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 M1 sealant, 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 9" (230 mm) wide (13 mm) medium nap roller. Application shall be continuous and uniform avoiding globs or puddles. An open (exposure) time of 5 to 50 minutes is generally used before assembly. Bonding Adhesive must be allowed to dry until it does not string or stick to a dry finger touch. Only apply adhesive to a small section at a time. See installation videos for examples of how to do this. Any coated area that is rained on should be allowed to dry and then recoated. Do not apply or use Adhesive in splice areas.
3. Slowly roll the coated membrane onto the adhesive-coated substrate while avoiding wrinkles and bubbles. Immediately brush down the bonded portion of the sheet with a soft bristle push broom, roller or a clean dry roller applicator to achieve maximum contact. With some materials, 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.

**More details are here:**

<http://www.bestmaterials.com/EPDM-Roofing.aspx#EPDM> Roofing Installation Instructions