

## ROYAL EDGE SPLICE ADHESIVE TECHNICAL DATA SHEET

| PRODUCT DATA                    |   |
|---------------------------------|---|
| SOLIDS:<br>26% Minimum          | BASE:<br>Synthetic Polymers                       |
| COLOR:<br>Clear                 | SOLVENTS:<br>Hexane, Toluene, Xylene              |
| WEIGHT:<br>7.35 ± .37 lb/gal    | BASE:<br>Rubber Polymers                          |
| FLASH POINT:<br>0° F (-17.8° C) | SPECIFIC GRAVITY:<br>.0876 ± 5%                   |
| CONTENT:<br>5.13 lb/gal         | VISCOCITY:<br>2900-3700 Centipoises,<br>R.V.F. #3 |



### **DESCRIPTION:**

RPI Splice Adhesive is formulated to splice Royal Edge membrane flashing, Royal Edge Uncured Flashing, field membrane panels, metal flashing surfaces, and other details specified in the RPI Specification Manual.

### **APPLICATION INSTRUCTIONS:**

1. Position the membrane to overlap the required distance for the entire length of the seam area. All seams should be 6 inches minimum. Fold the top ply back to allow for cleaning both surfaces (top and bottom ply) that are to be spliced. Remove any loose dust and debris. Wearing protective gloves, clean the seam area using clean cotton cloths that are saturated with RPI Membrane Cleaner.
2. Clean thoroughly to remove all talc and debris from area to be seamed. Change cotton rags often to prevent overloading of rags. Cleaned area should be dark grey in color with no streaking.
3. Thoroughly stir RPI Splice Adhesive before, and during use. Splice Adhesive should be uniformly mixed without marbling.
4. Apply Splice Adhesive using a stiff solvent resistant paint brush using even back and forth brush strokes. Do not apply using circular motions.
5. Both surfaces should be coated at the same time, using a uniform (no puddles) amount of Splice Adhesive throughout the splice area. Allow splice area to flash-off.
6. Prior to mating the splice surfaces, test the adhesive using the finger push method. Flash-off time is dependent upon ambient air temperatures and air/moisture content.
7. When both surfaces have flashed-off, allow the top splice layer to roll onto the bottom layer and mate the surfaces together by sliding a hand over the splice area from the back of the seam towards the front leading edge. The splice area membrane should be allowed to lay comfortably into position. Do not stretch or allow wrinkles to form in the seam area.
8. Using a 2 inch steel, or silicone hand roller, apply pressure to the seam area by first rolling across the seam area, then rolling the length of the seam area.
9. Clean the seam edge with Membrane Cleaner and apply Lap Caulk according to RPI Specifications.

