



# UV STABLE ROOF REPAIR TAPE

## TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION:

**ERSystems® Roof Repair Tape** has been specifically designed to instantly and permanently bond to multiple roof substrates providing superior watertight and airtight seals. It also repairs and restores roof damage and seams. **Roof Repair Tape** is based on a hybrid high molecular weight synthetic elastomeric backbone. It is formulated to yield extreme adhesion strength to high performance flexible and rigid roof panels such as EPDM, TPO, PVC and Aluminum. This engineered adhesive is extruded and designed with a tough, flexible, exterior weathering and UV resistant backing coupled with a removable release liner to ease installation.

**Roof Repair Tape** is high modulus, with extreme tensile strength and tenacious adhesion which allows it to resist flow, sag, and/or uplift at elevated outside temperatures.

### ADVANTAGES:

- UV Stable
- Easy to apply by hand (User friendly)
- 100% solid, non-hazardous, non-toxic and Green product
- Tenacious adhesion to painted metals, PVC, EPDM, TPO
- Permanently flexible and elastic over wide range of temperatures
- Allows for joint movement of up to  $\pm 25\%$
- Backing and adhesive resist the formation of mildew and fungus by inhibiting microbial activity
- Excellent resistance to water and water vapor.

### APPLICATION:

Used to repair damaged or deteriorated roof areas and re-seaming all roof materials, gutters, awnings, pond liners etc. Install the **Roof Repair Tape** directly to the surface by peeling off the release paper liner. Apply pressure by hand on the backing to obtain maximum adhesion and to ensure positive seal. For optimum results, apply the adhesive tape onto clean and dry surfaces free of loose rust, scale, dust, talc and dirt. Use suitable solvent/ cleaner to remove oil, grease, silicone and other contaminants.

### TYPICAL PROPERTIES:

| Property   | Typical Value  |
|--|--|
| Color  | White  |
| Percent Solid  | 100%   |
| Elongation (ASTM C908)   | >500%  |
| Peel Strength (ASTM D903)  | EPDM: 19 PLI, PVC: 16 PLI, TPO: 18 PLI, PVL: 18 PLI, Alum/ Kynar: 15 PLI, Galv/ Kynar: 15 PLI, Stainless: 17 PLI |
| Water Resistance (AAMA 800-08)   | No effect  |
| Low Temperature Flexibility: (1/2" radius @ -30°F)   | Excellent  |
| <b>Storage:</b> Keep in a cool dry place. <b>ERSystems® Roof Repair Tape</b> has an 18 month shelf life from date of manufacturer when stored at or below 80°F (27°C). Store rolls on core end, standing up. |  |

### PERFORMANCE TEMPERATURE RANGE:

Application Temperature Range: 45°F (7°C) to 120°F (49°C)  
Service Temperature Range: -22°F (-30°C) to 180°F (82.2°C)

### MAINTENANCE:

No maintenance should be required. Clean up trimming and put into suitable container. Dispose of in accordance with Federal, State and Local environmental regulations. Industrial and commercial use only.

### PACKAGING:

**ERSystems® Roof Repair Tape** sealant is supplied in roll form with a special release paper.

- Roll size 5" x 25'

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