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# 940G

## MirraBak® 100 SAFETY BACKING LAMINATE FOR MIRRORS and GLASS

**DESCRIPTION:** Tough, conformable, adhesive-coated 4.75 mil opaque white copolymer film for shatter-proofing mirrors. Lays smooth, without bubbling, under extremely adverse conditions. Excellent adhesion to the mirror backing paints in international use, whether applied by spray, curtain or roller coating techniques. Special self-crosslinking, self-curing acrylic adhesive exhibits high initial tack, even under highly humid conditions. Adhesive strength increases with age to a truly permanent bond. Independent testing has shown MirraBak™ 100 to be non-contributory to copper and silver deterioration under normal ambients and when applied to paint-backed surfaces under salt spray conditions. (Complete test specifications and results available on request.)

**STANDARDS:** Meets ANSI Z97.1 - 1984  
 British Standards BS-6206 Class C, 100fp, Impact and Weathering

**APPLICATIONS:** Suggested for use as a safety backing on silvered float glass and fully tempered glass mirror, including shower doors and bath enclosures. Designed to pass the category 1 shatterproofing test

### TECHNICAL DATA

|                                     | <u>IMPERIAL</u>  | <u>METRIC</u> |
|-------------------------------------|--|---------------|
| <b>ADHESION:</b>                    |  |               |
| Peel (PSTC #1) <i>Immediate</i>     | 46 oz/inch width   | 13.0 N/2.5 cm |
| <i>20 min. dwell</i>                | 72 oz/inch width   | 20.4 N/2.5 cm |
| Shear (PSTC #7) <i>Indefinite @</i> | 2 psi  | 13.8 kPa      |
| <b>MATERIALS:</b>                   | Copolymer film - 4.75 mil Opaque White   |               |
|                                     | Acrylic Adhesive - 1 mil   |               |
|                                     | Total Thickness -5.75 mil  |               |
| <b>ADHESIVE:</b>                    | Acrylic, self-crosslinking   |               |
|                                     | Resistant to moisture, high temperature, UV, chemicals, oils, abrasion, aging, mildew and fungus |               |
| <b>HIGH TEMP. RESISTANCE:</b>       | 194°F  | 90°C          |
| <b>STANDARD SIZES:</b>              | Widths slit to order up to 72 inches (1827 mm)   |               |
|                                     | Lengths 600, 900 ft. (183, 274.5 M) (Longer lengths available special order)                     |               |
|                                     | Core: 3 inch diameter (76.2 mm)  |               |

**IMPORTANT INFORMATION:**  
 The physical properties listed above are typical test results obtained from a series of laboratory tests and should not be used for the purpose of writing specifications. Before using the product, user shall determine the suitability of the product for his/her use; and user assumes all risks and liabilities in connection therewith. All test procedures used are in accordance with ASTM and PSTC methods. 11/28/01

High Quality Tapes  
 And Other Adhesive  
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