

# MADICO SAFETYSHIELD® SAFETYSHIELD® 800

## Certified Performance:\*

- ✦ Impact: ANSI Z-97
- ✦ Hurricane: ASTM E-1996
- ✦ Blast mitigation: GSA Performance Criteria
- ✦ Accelerated weathering: ASTM G26-95
- ✦ Puncture strength: ASTM D-4830-88
- ✦ Tear strength: ASTM D-1004
- ✦ Surface burn characteristics: ASTM E-84

## Performance Data:

### Total Solar Energy:

|             |     |
|-------------|-----|
| Transmitted | 83% |
| Reflected   | 9%  |
| Absorbed    | 8%  |

### Visible Light:

|                    |     |
|--------------------|-----|
| Transmitted        | 88% |
| Reflected Interior | 10% |
| Reflected Exterior | 10% |

### "U" Factor: 1.10

|                             |     |
|-----------------------------|-----|
| Ultraviolet Light Rejected  | 99% |
| Shading Coefficient         | .97 |
| Solar Heat Gain Coefficient | .84 |
| Total Solar Energy Rejected | 15% |

## Physical Properties:

|                      |                                  |
|----------------------|----------------------------------|
| Structural Component | .008"                            |
| Film Thickness       | .0095"                           |
| Structure            | Multi-Ply Laminate               |
| Tensile Strength     | 32,000 PSI Average MD/TD         |
| Break Strength       | 240 Pounds Per Inch (Width) Avg. |
| Adhesive Type        | Acrylic Pressure Sensitive       |
| Peel Strength        | 5 to 6 Pounds Per Inch           |

\* Independent test reports available upon request.



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Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. If the specific conditions of use are critically dependent on any of the properties of the product, or if you need further information of any sort, contact Madico or your local Madico window film dealer. Optical properties independently verified by Lawrence Berkeley National Laboratories.

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