

HARMONY TERRE

ENERGY-SAVING FILM



**BENEFITS**

- Rejects up to 54% of solar energy, reducing energy costs, heat build-up, and glare
- Blocks up to 99.9% of ultraviolet rays, helping to protect furnishings by reducing premature fading
- Extremely low reflectivity – same as glass
- Warm earth tone appearance
- Optically-clear sputtered film with advanced color stable technology
- Manufacturer's warranty\*

**RECOMMENDED APPLICATIONS**

- Homes
- Retail Spaces
- Schools and Universities
- Public Buildings
- Health Care Facilities
- Commercial Offices
- Hotels



\* Ask your dealer about warranty details.



| GLASS TYPE                          | RESIDENTIAL<br>1/8" (3 mm) |                 | COMMERCIAL<br>1/4" (6 mm) |                 |
|-------------------------------------|----------------------------|-----------------|---------------------------|-----------------|
|                                     | SINGLE PANE CLEAR          | DUAL PANE CLEAR | SINGLE PANE CLEAR         | DUAL PANE CLEAR |
| Visible Light Transmittance         | 54%                        | 49%             | 53%                       | 47%             |
| Total Solar Energy Rejected         | 54%                        | 47%             | 55%                       | 48%             |
| Solar Heat Gain Coefficient         | 0.46                       | 0.53            | 0.45                      | 0.52            |
| Winter Median U-Value               | 0.91                       | 0.46            | 0.91                      | 0.45            |
| Glare Reduction                     | 40%                        | 40%             | 40%                       | 41%             |
| Ultraviolet Rejected                | 99.9%                      | 99.9%           | 99.9%                     | 99.9%           |
| Total Solar Transmittance           | 34%                        | 29%             | 32%                       | 26%             |
| Total Solar Reflectance             | 23%                        | 23%             | 18%                       | 17%             |
| Total Solar Absorptance             | 43%                        | 48%             | 50%                       | 57%             |
| Visible Light Reflectance: Exterior | 8%                         | 14%             | 7%                        | 14%             |
| Visible Light Reflectance: Interior | 8%                         | 10%             | 8%                        | 10%             |
| Shading Coefficient                 | 0.53                       | 0.61            | 0.53                      | 0.60            |
| Emissivity                          | 0.61                       | 0.61            | 0.61                      | 0.61            |
| Light to Solar Heat Gain Ratio      | 1.17                       | 0.92            | 1.18                      | 0.90            |
| Summer Solar Heat Gain Reduction    | 47%                        | 31%             | 44%                       | 26%             |
| Winter Heat Loss Reduction          | 12%                        | 4%              | 12%                       | 4%              |

THESE FILMS OFFER OUTSTANDING ENERGY SAVINGS AND UV PROTECTION WITH INTERIOR AND EXTERIOR REFLECTIVITY THAT'S THE SAME AS GLASS.

Harmony Films utilize proprietary metals and ceramic layers designed to provide superior heat rejection and moderate glare control with extremely low interior and exterior reflectivity. Harmony Terre creates a warm earth tone hue while Harmony Ciel provides a sky blue appearance.

All solar properties have been measured in accordance with NFRC standards. All values averaged from routinely accumulated quality control data.