



Made in USA

Ambiance 40 ***Technical Specifications*** **IGDB ID: 1707 ⁽¹⁾**

The Smart Films Ambiance range of films has been developed to satisfy the most demanding homeowners by providing what most homeowners want (heat and glare reduction, and fade protection) while overcoming homeowners most common concerns about window tinting making a home “feel” dark and the windows looking highly reflective (mirrored) from outside.

Smart Films Ambiance 40 has low external reflectivity and achieves outstanding heat rejection for such a high Visible Light Transmission film. This film is only lightly tinted to provide heat and glare protection while achieving very good natural lighting. This film will not provide privacy.

Visible Light Transmission	38.0%
Visible Light Reflectance	11.7%
Ultraviolet Light Transmission	<1%
U-Value Summer (W/m²K)	5.43
U-Value Winter (W/m²K)	5.99
Solar Heat Gain Coefficient	0.50
Shading Coefficient	0.57
Infrared Rejection	70.3%
Solar Energy Transmission	32.6%
Solar Energy Reflectance	11.6%
Solar Energy Absorption	55.8%
Total Solar Energy Rejected	51.0%

Substrate

Dupont Teijin MT
Mitsubishi N5 Series

Thickness

1.5mil

Method of Coating

Sputter Coating

Hard Coat

Patented scratch resistant coating designed to meet the most exacting performance standards.

Warranty

Residential: Non-transferable Lifetime Warranty
Commercial: 10 Years

NOTES (1) IGDB is the International Glazing Database maintained by the US Department of Energy. As a consumer protection all performance data and energy efficiency claims must be independently tested and verified before a product can be listed on the IGDB.

The Building Code of Australia requires that new buildings in Australia achieve minimum energy efficiency standards and uses the Windows Energy Rating Scheme (WERS) to rate the performance of glazing and window films. Window films must be listed on the IGDB to obtain a WERS in Australia.

* Solar Specifications testing performed on film mounted to 3mm clear glass. Test, equipment and methods according to ASTM, ANSI and NFRC standards. Calculations performed using US Dept of Energy Lawrence Berkeley Lab's "Windows 5.2" program. Values expressed hereof are typical and for comparative purpose only. Performance data will vary with processing conditions.