



Made in USA

## **HP15** *Technical Specifications* **IGDB ID: 1712** <sup>(1)</sup>

The Smart Films HP15 achieves very good heat rejection in a solar control window tinting film that is only moderately reflective.

Due to its high heat protection this film is frequently used in west facing rooms where heat protection is accorded a slightly higher priority to visible light (eg bedrooms).

Visible Light Transmission	14.0%
Visible Light Reflectance	24.0%
Ultraviolet Light Transmission	<1%
U-Value Summer ( <b>W/m<sup>2</sup>K)</b>	5.17
U-Value Winter ( <b>W/m<sup>2</sup>K)</b>	5.74
Solar Heat Gain Coefficient	0.30
Shading Coefficient	0.36
Infrared Rejection	90.1%
Solar Energy Transmission	11.0%
Solar Energy Reflectance	23.0%
Solar Energy Absorption	66.0%
Total Solar Energy Rejected	70.0%

### **Substrate**

Mitsubishi N5 Series

### **Thickness**

1.5mil

### **Method of Coating**

Electron Beam 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.