



Heat Shield 70%

Heat Shield 70% is a nano ceramic window film with 80% infrared rejection (IR) and 70% visible light transmission (VLT) blocks heat while keeping windows clear. It reduces UV exposure, improves comfort, and protects interiors without darkening your view. Unlike metalized films, it won't interfere with signals. Ideal for heat reduction, energy efficiency, and maintaining natural light in homes, offices, or vehicles.

Technical Performance Data

Calculated on 3mm glass

Natural Light & Glare	
VLT (Visible Light Transmission)	70%
Visible Light Reflectance (internal)	12%
Glare Reduction	27%
Solar Energy	
Transmittance	30%
Reflectance	8%
Absorption	62%
TSER (Total Solar Energy Rejected)	54%
Thermal Energy	
Shading Coefficient	0.58
Solar Heat Gain Coefficient	0.5
U-Value - (W/m ² K)	5.8
R-Value - (m ² K/W)	0.17
Ultraviolet & Infrared	
UV Rejection	99%
IR Rejection	81%
Anti-Fade Rating (0 - 100)	77
Manufactured Specifications	
Thickness	50 µm
Structure	2 Ply
Composition	PET
Warranty	10 Years
Colour	Blue
Stock Code	HEA30

Product Care & Maintenance:

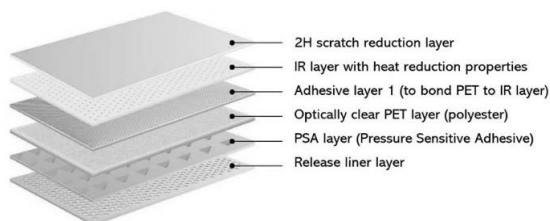
After installation allow 30 – 60 days to cure. Never try to remove bubbles during the curing process. After curing you may clean the windows with soapy water and non-abrasive cloths or sponges and paper towels. Do not attempt to clean the film with chemicals containing ammonia or abrasives.

Installation Guidelines

Vertical Installation on standard glass surface

Single Pane Glazing	
Clear Standard Glass	✓
Thermally Toughened Safety Glass	✓
PVB / Laminated Glass with correct spacing	✓
Glass Panes Exceeding 2 SQM	!
Low-E Glass	X
Glass with poor quality edging and spacing	X
Double Pane / Double Glazing	
Clear Double Pane	X
Tinted Double Pane	X
Gas-Filled Double Pane (Low-E)	X
Glass Panes Exceeding 2 SQM	X
PVB / Laminated Glass with correct spacing	X
Thermally Toughened Safety Glass	✓
Glass with poor quality edging and spacing	X
Safety Guideline Symbols	
Safe to install	✓
Unsafe to install	X
Caution, will cause thermal stress	!
Safety Performance	
For Internal use only	✓
Peel Strength (gr/inch)	>1800
Signal Interference	0%

Guidelines provided are based on a single glass surface up to 2.5 m² with no single length or width greater than 2 meters.



Heat Shield - 70%

Distributed by: **Tint Zone**

Anthony - 066 224 3772

info@tintzone.co.za | tintzone.co.za