



High Performance 20%

High Performance 20% is a hybrid ceramic window film used for good heat rejection, blocking up to 99% of UV and infrared rays, reducing glare, and enhancing privacy. It keeps your space cooler, protects interiors from fading, and ensures a sleek look without interfering with signals like GPS. Ideal for energy savings, comfort, and long-term durability. This film is made for internal use.

Technical Performance Data

Calculated on 3mm glass

Natural Light & Glare	
VLT (Visible Light Transmission)	24%
Visible Light Reflectance (internal)	5%
Glare Reduction	68%
Solar Energy	
Transmittance	30%
Reflectance	15%
Absorption	55%
TSER (Total Solar Energy Rejected)	49%
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	45%
Anti-Fade Rating (0 - 100)	80
Manufactured Specifications	
Thickness	50 µm
Structure	2 Ply
Composition	PET
Warranty	5 Years
Colour	Natural
Stock Code	GREF20

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	
	Symbol
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.

