

ARC CL12 PSSR

ARC CLEAR 300 MICRON SECURITY



Overview

Safety and Security Window Films increase the integrity and shatter resistance of glazing. If accidental breakage occurs, glass is held in place - helping to reduce the likelihood of injury.

Increasing the shatter resistance of glazing also increases the difficulty of forced entry - offering better protection against vandals and thieves.

Performance Guide

Energy Savings	☆☆☆☆☆
Heat Rejection	☆☆☆☆☆
Heat Retention	☆☆☆☆☆
Glare Reduction	☆☆☆☆☆
Fade Reduction	☆☆☆☆☆
Safety & Security	☆☆☆☆☆
One Way Privacy	☆☆☆☆☆
Colour	Clear
Installation Position	Internal
Warranty	10 Years

Enhanced Protection

Security can be further improved by using a combination of a Security Window Film and edge retention system. This is recommended for installations for blast mitigation. Various types are available. Speak to your local ARC dealer for further information on a suitable system.

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Data values are representative and are provided for comparative purposes only. To ensure film to glass compatibility and optimum performance, please contact your local ARC representative.

Performance Data

	4mm Single	4/7/6/4mm double
Solar Energy Transmission	80%	67%
Solar Energy Reflection	9%	14%
Solar Energy Absorption	11 %	19%
Visible Light Transmission	88%	80%
Visible Light Reflection (Interior / Exterior)	11%	18%
G Value	0.80	0.72
Shading Coefficient (b value)	0.90	0.82
Light to SHG Ratio (LSG)	1.11	1.12
U Value (EN 673 W/m2k)	5.4	2.6
Emissivity	0.84	0.84
UV Transmission	<1%	<1%
Glare reduction	6%	16%
TSER	21 %	29%

Physical Properties

Thickness	300µ
SR Coating	Yes
Tensile Strength	2000kg/cm ²
Yield Strength	108n/mm ²
Certification	EN 12600 1(B)1, EN356 P2A