

ARC CL4 PSSR

ARC CLEAR 100 MICRON SAFETY



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

Compliance with Regulations

ARC Safety and Security Window films can be installed to achieve compliance with Regulation 14 of Workplace (Health, Safety & Welfare) Regulations (1992) by upgrading non-compliant glass to meet the current required standard.

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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	78%	65%
Solar Energy Reflection	8%	13%
Solar Energy Absorption	14%	22%
Visible Light Transmission	87%	78%
Visible Light Reflection (Interior / Exterior)	9%	15%
G Value	0.82	0.73
Shading Coefficient (b value)	0.94	0.84
Light to SHG Ratio (LSG)	1.06	1.07
U Value (EN 673 W/m ² k)	5.8	2.8
Emissivity	0.91	0.91
UV Transmission	<5%	<5%
Glare reduction	1%	11%
TSER	18%	27%

Physical Properties

Thickness	117μ
SR Coating	Yes
Tensile Strength	224n/mm ²
Yield Strength	105n/mm ²
Certification	EN 12600 2(B)2