

# ARC CL7 PSSR

## ARC CLEAR 175 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	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	0.81	0.73
Shading Coefficient (b value)	0.99	0.84
Light to SHG Ratio (LSG)	1.07	1.7
U Value (EN 673 W/m2k)	5.8	2.8
Emissivity	0.92	0.92
UV Transmission	<5%	<5%
Glare reduction	1%	11%
TSER	19%	27%

## Physical Properties

Thickness	193µ
SR Coating	Yes
Tensile Strength	199n/mm <sup>2</sup>
Yield Strength	102n/mm <sup>2</sup>
Certification	EN 12600 1(B)1