

ARC RSI20E HPSSR

ARC HP REFLECTIVE SILVER 20% - External



Overview

Reflective Window Films deliver outstanding performance for solar heat, uv and glare reduction. They are the best performing and most popular films to alleviate severe heat and glare issues.

Reflective Window Films can be installed to update building facades to give a modern uniform appearance. These films can also act like a one way mirror, offering daytime privacy for occupants.

Performance Guide

Energy Savings	★ ★ ★ ★ ☆
Heat Rejection	★ ★ ★ ★ ★
Heat Retention	★ ☆ ☆ ☆ ☆
Glare Reduction	★ ★ ★ ★ ☆
Fade Reduction	★ ★ ★ ★ ☆
Safety & Security	★ ☆ ☆ ☆ ☆
One Way Privacy	★ ★ ★ ★ ☆
Colour	Silver
Installation Position	External
Warranty	7-10 Years

Energy Saving

By installing ARC Window Film you can control the amount of solar radiation entering a through glazing. This not only reduces heat build-up, temperature fluctuations and hot spots, but can also cut HVAC expenditures dramatically.

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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	10%	9%
Solar Energy Reflection	62%	62%
Solar Energy Absorption	28%	29%
Visible Light Transmission	14%	13%
Visible Light Reflection (Exterior / Interior)	65/61%	65/59%
G Value	0.17	0.13
Shading Coefficient (b value)	0.20	0.17
Light to SHG Ratio (LSG)	0.82	1.00
U Value (EN 673 W/m ² k)	5.70	2.8
Emissivity	0.87	0.87
UV Transmission	<1%	<1%
Glare reduction	85%	86%
TSER	83%	87%

Physical Properties

Thickness	60μ
SR Coating	Yes
Tensile Strength	104n/mm ²
Yield Strength	54n/mm ²
Safety Certification	N/A