

ARC SS71 DASR

ARC SPECTRALLY SELECTIVE 70%



Overview

Spectrally Selective Window Films are very high light transmission films that are virtually clear in appearance. They offer good heat rejection and superb UV Rejection, yet allow viewing in both directions through the glass.

Spectrally Selective Window Films are installed when viewing through the glass in both directions is desirable, or if the appearance of the glazing cannot be changed.

Performance Guide

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

Fade Reduction

Spectrally Selective Window Films help to protect furniture, paintings and historic artefacts by filtering out UV and IR (Heat) - the two largest causes of fading. Spectrally Selective Window Films offer superior fade protection compared to standard UV window films.

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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	4/16/4mm double
Solar Energy Transmission	46%	36%
Solar Energy Reflection	23%	21%
Solar Energy Absorption	31%	43%
Visible Light Transmission	68%	61%
Visible Light Reflection (Exterior / Interior)	19/20%	23/24%
G Value	0.54	0.53
Shading Coefficient (b value)	0.63	0.62
Light to SHG Ratio (LSG)	1.24	1.13
U Value (EN 673 W/m ² k)	5.2	2.6
Emissivity	0.70	0.70
UV Transmission	<1%	<1%
Glare reduction	23%	22%
TSER	45%	46%

Physical Properties

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