

ARC RTI20E HPSSR

ARC HP REFLECTIVE TINT 20% - EXTERNAL



Overview

Reflective Tinted Window Films are a great solution to heat and glare problems when a traditional tinted appearance is preferred.

Although less effective than standard reflective window films, the neutral appearance of these products make them ideal for traditional looking buildings when a modern reflective / mirror look may not be desirable.

Performance Guide

Energy Savings	★ ★ ★ ☆ ☆
Heat Rejection	★ ★ ★ ★ ☆
Heat Retention	★ ☆ ☆ ☆ ☆
Glare Reduction	★ ★ ★ ☆ ☆
Fade Reduction	★ ★ ★ ☆ ☆
Safety & Security	★ ☆ ☆ ☆ ☆
One Way Privacy	★ ★ ★ ☆ ☆
Colour	Neutral Tint
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	4/16/4mm double
Solar Energy Transmission	22%	18%
Solar Energy Reflection	23%	23%
Solar Energy Absorption	56%	59%
Visible Light Transmission	25%	22%
Visible Light Reflection (Exterior / Interior)	24/27%	24/30%
G Value	0.35	0.26
Shading Coefficient (b value)	0.40	0.31
Light to SHG Ratio (LSG)	0.71	0.85
U Value (EN 673 W/m ² k)	5.7	2.8
Emissivity	0.87	0.87
UV Transmission	<1%	<1%
Glare reduction	72%	74%
TSER	65%	74%

Physical Properties

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