Reflective Silver

TECHNICAL DATA SHEET

Reflective Silver 20 Exterior (RS 20X)

Product Description

Reflective Silver 20 Exterior is a **high-performance exterior-grade reflective window film** engineered for superior solar control and durability in demanding outdoor environments. With a mirror-like metallic finish, it reflects heat, glare, and harmful UV radiation while enhancing building aesthetics. Its **exterior application design** makes it ideal for projects where interior access to glazing is restricted.

Features & Benefits

- **Superior Heat Rejection** – Rejects up to **86% Total Solar Energy**, significantly reducing interior cooling loads.
- **Exterior Application** – Perfect for skylights, facades, and high-rise towers where interior installation is not possible.
- **Glare Reduction** – Cuts glare by nearly **80%**, improving comfort in workplaces and living spaces.
- **Daytime Privacy** – Reflective surface ensures one-way vision from inside during daylight.
- **UV Protection** – Blocks **>99% of harmful UV rays**, protecting interiors, furnishings, and occupants.
- **Energy Efficiency** – Helps reduce air-conditioning costs by minimizing solar heat gain.
- **Durability** – Weather-resistant construction with scratch-resistant coating for long-lasting exterior performance.
- **Warranty** – Covered by a **7-Year Manufacturer's Warranty** for exterior applications.

PRODUCT DETAILS								
REFLECTIVE SILVER 20 EXTERIOR	SINGLE PANE CLEAR		SINGLE PANE TINTED		DUAL PANE CLEAR		DUAL PANE TINTED	
	1/4 " CLEAR	RS 20 EXT	1/4 " TINTED	RS 20 EXT	DUAL 1/4 " CLEAR	RS 20 EXT	DUAL 1/4 " TINTED	RS 20 EXT
Solar Heat Gain Coefficient	0.82	0.19	0.67	0.19	0.70	0.16	0.55	0.12
Visible light Transmitted	88	19	55	12	79	18	49	10
Visible light Reflected interior	8	56	7	20	15	55	11	26
Visible light Reflected exterior	8	62	6	62	15	62	8	62
U Value	1.03	1.01	1.03	1.02	0.47	0.43	0.47	0.44
UV Blocking	43	>99	NA	>99	NA	>99	NA	>99
Total Solar Energy Rejected	18	81	33	81	30	84	45	88
Glare reduction	NA	78	NA	79	NA	77	NA	80

Applications

- High-rise commercial towers
- Office buildings and malls
- Hotels and resorts
- Skylights, atriums, and glass facades
- Residential villas and apartments where interior access is limited

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