

Ceramic Series



Description:

“Using advanced nanotechnology, 3M incorporates tiny, precisely formed ceramic particles to Ceramic Series films. Though not visible to the eye – or even under a microscope – these ceramic particles are essential for absorbing and rejecting heat, helping to reduce energy bills and prevent discomfort. They help control IR light, which can be absorbed by carpets and furnishings and radiated as heat.”

Key Features:

- Nano ceramic particles absorb and reject heat, maintain visual clarity
- Light options transmit nearly all visible light to keep interiors bright, dark options help reduce glare
- Non-metallized film won't corrode or interfere with broadband signals
- Low interior and exterior reflectivity lets you enjoy the views from inside, while maintaining an attractive look from outside
- 2-mil thickness with high performance adhesive
- Limited lifetime manufacturer backed residential warranty



The Skin Cancer Foundation recommends this product as an effective UV protectant.

Notes:

1. Performance results are calculated using NFRC methodology and LBNL Window software, and are subject to variations within industry standards and only intended for estimating purposes. This data is provided for informational purposes only and are subject to normal manufacturing variances.
2. Testing performed on 1/4" (6mm) clear glass and are subject to variations within industry standards.
3. Performance results for glare and fade reduction are calculated by comparing filmed glass to that of untreated glazing.

Specifications	CA80	CA60	CA45	CA35
Total Solar Energy Rejected (T _{SER})	43%	48%	52%	55%
Visible Light Transmittance (V _{LT})	77%	62%	45%	37%
Exterior Visible Reflectivity	8%	7%	6%	6%
Interior Visible Reflectivity	8%	7%	6%	6%
Sun Glare Reduction	13%	30%	49%	58%
UV Rays Blocked (both UV-A & UV-B)	>99%	>99%	>99%	>99%

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