

3M™ SUN CONTROL WINDOW FILM

Ceramic Architectural Series — Spec Sheet & Warranty

3M Ceramic Architectural Series is a ceramic (non-metallized) ceramic solar control film built for heat and glare control with a neutral appearance and reliable UV protection. Guardian Bastille installs the Ceramic Architectural Series lineup for commercial glazing.

- Ceramic particle technology for heat and glare reduction without a metallic or mirrored look.
- Reduces fading of interior furnishings with high UV rejection.

Performance Specifications (per 3M Technical Data Sheet)

Specification	CM30	CM40	CM50
Visible Light Transmission	36%	44%	53%
UV Rejection	99%	99%	99%
Shading Coefficient	0.47	0.54	0.61
Vis. Light Reflection (Ext. / Int.)	17% / 15%	14% / 12%	12% / 10%
U-Value	1.02	1.03	1.03
Thickness	2.5 mils	2.5 mils	2.5 mils

Source: 3M Sun Control Window Film Ceramic Series Technical Data Sheet. Total Solar Energy Rejected is not separately published by 3M for this series; shading coefficient is the published comparative metric.

Commercial Warranty Coverage

Coverage	Term	Notes
Glass Breakage	5 years*	Up to \$2,000/window, direct result of film application
Seal Failure	3 years	Insulated glass unit seal failure
Film Performance	12 years	Adhesion, clarity, discoloration

*Requires professional installation by an authorized 3M window film dealer and warranty registration within 30 days of installation.

→ [View 3M's official Technical Data Sheet: 3M Sun Control Window Film Ceramic Series TDS](#)

→ [View 3M's official Commercial Warranty Bulletin](#)

Performance values above are transcribed from 3M's published Technical Data Sheet for this product and are provided for specification and bidding reference. Values are measured on 1/4" clear glass unless noted; actual field performance varies by glass type and installation. Consult the linked 3M documents for complete, current technical and warranty terms.

This guide is provided by Guardian Bastille, LLC for reference during specification and bidding. It does not modify or supersede 3M's published technical or warranty terms. Guardian Bastille is a 3M Prestige Dealer; this document does not represent 3M certification of any project.