LEED® V4.1
Residential

RHODETEC across the spectrum

Enhance Sustainability with RHODETEC Solar Control Films
— Your Contribution to LEED® Certification

Smart Solar Protection for Single and Multifamily Homes

RHODETEC solar control films transform windows into energy-saving, comfort-enhancing solutions for single-family homes and multifamily residences. They reduce energy consumption, improve indoor comfort, and support healthier living — all while contributing to LEED® v4.1 certification.
Whether you‘re building new, renovating, or upgrading existing homes, RHODETEC offers a cost-effective way to boost sustainability and comfort.

Key benefits

- Cut HVAC usage and costs across all seasons
- Maximize daylight, minimize glare, and keep the view
- Improve thermal comfort and enhance occupant well-being
- Support healthy indoor air quality
- Stay Connected to Nature
- Lower greenhouse gas emission

RHODETEC – because sustainable living starts with smarter windows.

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RHODETEC Solar Control Films

— Detailed LEED® v4.1 Contribution

RHODETEC films help achieve key LEED® credits for both Single Family and Multifamily Homes by enhancing energy efficiency, indoor environmental quality, and sustainable material use.

LEED Category	Credit	max. Pts.	RHODETEC Contribution
Integrative Process (IP)	Early Design Synergies	2	RHODETEC supports integrated planning by offering passive solar control solutions. This enables to optimize shading, glazing, and HVAC strategies from the outset, improving overall building performance and contributing for holistic system integration.
Energy & Atmosphere (EA)	Annual Energy Use (SFH)	36	By rejecting solar heat and enhancing insulation, RHODETEC reduces cooling and heating loads, leading to significant energy savings and lower greenhouse gas emissions.
	Optimized Energy Performance (MFH)	18	
Materials & Resources (MR)	Building Life-Cycle Impact Reduction	7	By enhancing the energy efficiency of existing windows, RHODETEC films eliminate the need for energy-intensive renovations or window replacements. This sustainable retrofit solution minimizes material use and supports long-term environmental performance.
Indoor Environmental Quality (EQ)	Indoor Air Quality Assessment	2	RHODETEC films meet strict VOC limits, containing less than 100 ppm of harmful substances like VOCs, phthalates, and heavy metals.
	Thermal Comfort	1	The films help maintain stable indoor temperatures by reducing heat peaks from solar radiation, supporting HVAC systems and occupant comfort.
	Daylight and Quality Views	2	RHODETEC shade films allow natural daylight to enter living spaces while effectively controlling glare. They preserve clear views to the outside, connecting occupants with nature, reinforcing circadian rhythms, and reducing reliance on artificial lighting.

Note: Points vary depending on project type (SFH, MFH) and specific certification paths.

Ready to Boost Your LEED® Score?

Contact Us!

Contact form

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