LEED® V4.1

Commercial

RHODETEC across the spectrum

Enhance Sustainability with RHODETEC Solar Control Films

— Your Contribution to LEED® Certification

Smart Shading Solutions for Energy Efficiency and Indoor Comfort

RHODETEC solar control films and shading systems help buildings meet modern sustainability standards. By optimizing energy performance, improving indoor environmental quality, and using safe, low-emission materials. RHODETEC products actively support your path to LEED® v4.1 certification, whether in new construction, interior design, or building operation.

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
- Sustainable material use
- Lower greenhouse gas emission

Smart, sustainable, and efficient — RHODETEC films turn windows into active contributors to green building performance.

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— Detailed LEED® v4.1 Contribution

RHODETEC products contribute to multiple LEED® categories across Building Design and Construction (BD+C), Interior Design and Construction (ID+C), and Building Operations and Maintenance (O+M).

LEED Category	Credit	max. Pts.	RHODETEC Contribution
Integrative Process (IP)	Early Design Synergies	1	RHODETEC films improve window insulation and daylight use, supporting holistic planning of shading, HVAC, lighting, and glazing systems from the early design phase.
Energy & Atmosphere (EA)	Optimize Energy Performance	33	By rejecting solar heat and enhancing insulation, RHODETEC reduces cooling and heating loads, leading to significant energy savings and lower greenhouse gas emissions.
Materials & Resources (MR)	Building life-cycle impact reduction	5	RHODETEC films can preserve existing façades, minimize material use by improving energy efficiency via window upgrades — no need for extensive structural modifications. They reduce energy demand by lowering HVAC needs.
	Furniture and Medical Furnishing	2	RHODETEC films contain less than 100 ppm of heavy metals and substances such as PAHs, alkylphenols, alkyl ethoxylates, organotin compounds and less than 0.01% of phthalates
Indoor Environmental Quality (EQ)	Indoor Air Quality Assessment	2	RHODETEC films meet strict VOC limits, improving indoor air quality after installation and during operation.
	Indoor Environmental Quality Performance	20	RHODETEC films meet strict VOC limits, improving indoor air quality after installation and during operation.
	Thermal Comfort	1	Various control systems allow users to set suitable shading heights. These control options and the high TSER values of the films reduce the radiant temperature and support the HVAC systems in achieving thermal comfort.
	Interior Lighting – Glare Control	2	Reduces excessive brightness and achieves required Unified Glare Rating (UGR) values, even in spaces with high external light exposure.
	Interior Lighting – Color Rendering	2	Films ensure a Color Rendering Index (CRI) >90, contributing to high-quality indoor lighting conditions.
	Daylight	3	Various control systems allow users to set suitable shading heights. These control options and the property of RHODETEC films to allow natural daylight into the building, provide visual contact and a clear view to the outside.
	Quality views	2	RHODETEC shade films allow natural daylight into the building, provide visual contact and a clear view to the outside and thus support the circadian rhythm.

Note: Points vary depending on project type (BD+C, ID+C, O+M) and specific certification paths.

Ready to Boost Your LEED® Score?

Contact Us!

Contact form

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MADE IN GERMANY