

CRRC Wall Rating Program

Solar-reflective walls reduce the amount of the sun's heat that is absorbed by the building.



Ratings.



Research.



Education.



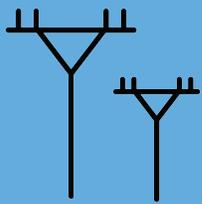
Save Energy¹



Reduce the Urban Heat Island Effect²



Reduce Ground-level Ozone³



Reduce Peak Power Demand¹

The CRRC Wall Rating Program

Offers exterior wall product ratings based on the product's radiative performance

- ✓ Credible test values by approved test labs
- ✓ Data published on public directory
- ✓ Ratings are not limited to “cool” products
- ✓ Program launches January 2022

“If you have a hot, sunny climate, cool walls are for you.”

— Ronnen Levinson, Lawrence Berkeley National Laboratory

The Value of a CRRC Wall Rating

- Stay ahead of market trends
- Comply with codes and programs
- Market “cool” products to consumers
- Third-party administered

Green Globes Standard 2019

ASHRAE 90.1-2019

CALGreen 2019

IgCC 2018

Green Seal Standard GS-11-2015

Become a Founding Member of the Wall Rating Program!

- ✓ Pledge at least \$5,000 to cover program start-up costs
- ✓ Be a market leader
- ✓ Get featured on CRRC website
- ✓ Use exclusive Founding Member Logo upon program launch
- ✓ Get 50% off product rating fees on up to 10 products*
- > See pledge form at coolroofs.org/walls

**products must be rated in the first program year*

Contact the CRRC: coolroofs.org/walls

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(866) 465-2523

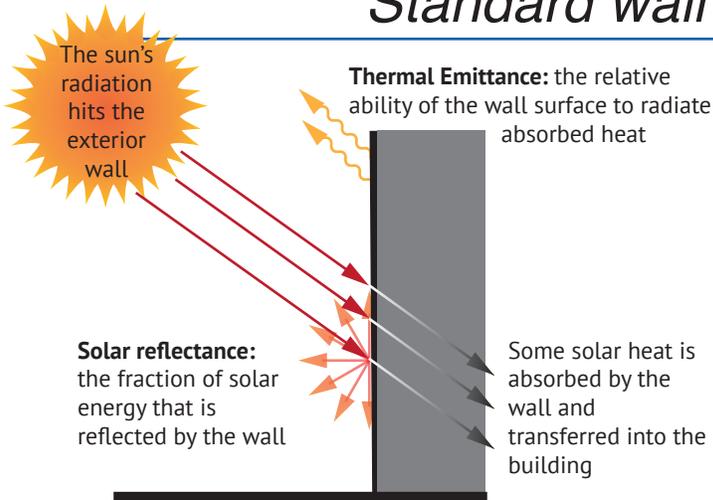
Learn more



How Solar-Reflective Walls Work

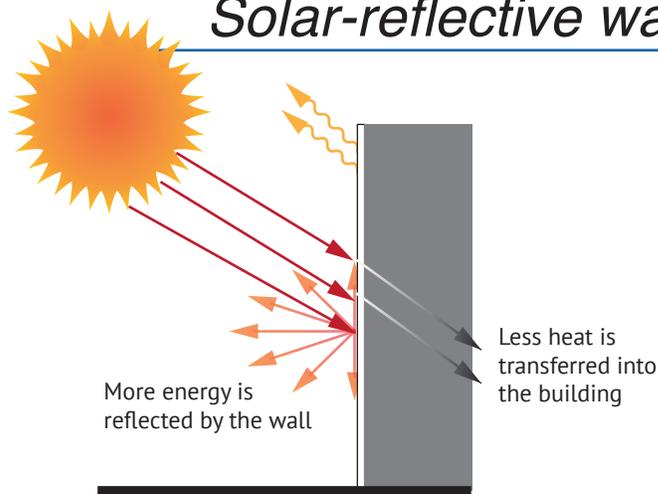
Solar reflectance and thermal emittance are two properties that quantify the “coolness” of a wall. Both properties are rated on a scale from 0 to 1, where 1 is the most reflective or emissive.

Standard wall



Solar-reflective walls aren't necessarily white— “cool color” products use darker-colored pigments that are highly reflective in the near infrared (non-visible) portion of the solar spectrum.

Solar-reflective wall



“The extension of cool-roof energy initiatives to wall materials makes perfect sense and is, in my opinion, long overdue.”

— Jay Mitchell, Yenkin-Majestic

About the CRRC

The Cool Roof Rating Council (CRRC) is a 501(c)(3) non-profit organization founded in 1998. The CRRC is dedicated to developing, implementing, and communicating an accurate radiative energy performance rating system for the building envelope, supporting research, and serving as an educational resource. CRRC ratings are based on test data and published on the Rated Products Directory, and can be used to comply with building codes and programs.



Learn more about the
CRRC Wall Rating Program
at coolroofs.org/walls

Sign up for updates about the Wall Rating Program!
coolroofs.org/walls

¹ Rosado, P. J., et al. (2019). Potential benefits of cool walls on residential and commercial buildings across California and the United States: Conserving energy, saving money, and reducing emission of greenhouse gases and air pollutants. *Energy and Buildings*, 199, 588–607. <https://doi.org/10.1016/j.enbuild.2019.02.028>

² Zhang, J., et al. (2018). Systematic comparison of the influence of cool wall versus cool roof adoption on urban climate in the Los Angeles basin. *Environmental Science & Technology*, 52(19), 11188–11197. <https://doi.org/10.1021/acs.est.8b00732>

³ Zhang, J., et al. (2019). Investigating the urban air quality effects of cool walls and cool roofs in Southern California. *Environmental Science & Technology*, 53(13), 7532–7542. <https://doi.org/10.1021/acs.est.9b00626>

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