The CRRC Wall Rating Program

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

- Credible test values by approved labs
- Third-party data shown on public directory
- Program launches January 2022
- Learn more at coolroofs.org/walls

CRRC Rated Wall Products Directory

Valuable resource for establishing:

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Why Reference CRRC Wall Rating Program Ratings

- CRRC participation open to both standard and “cool” products
- Codes and programs set “cool” definitions, performance requirements
  - Allows for flexibility and control of program requirements
  - Programs can raise or lower minimum requirements as needed
  - Enables consumer choice - compare a wide variety of products
- Codes and programs already have reflective wall requirements
- CRRC quality assurance protocols ensure product rating integrity

Contact the CRRC: coolroofs.org/walls
Jeff Steuben, Executive Director  jeff@coolroofs.org  (866) 465-2523
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 reflectance: the fraction of solar energy that is reflected by the wall

Thermal Emittance: the relative ability of the wall surface to radiate absorbed heat

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

Solar-reflective wall

Less heat is transferred into the building

More energy is reflected by the wall

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 independent testing and published on the Rated Products Directory, and can be used to comply with building codes and programs.

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

Sign up for updates about the wall rating program! coolroofs.org/walls


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