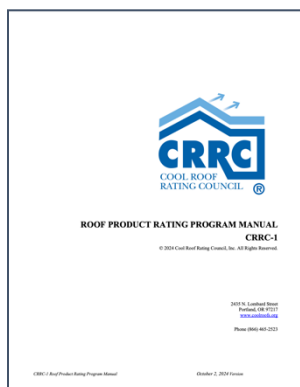# Reference Guide
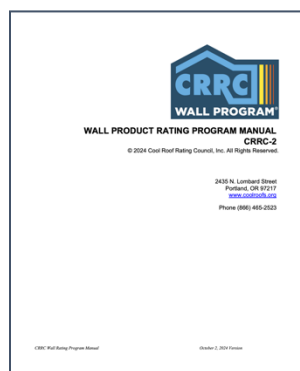CRRC Product Rating Program Manuals
and
ANSI/CRRC S100 Standard

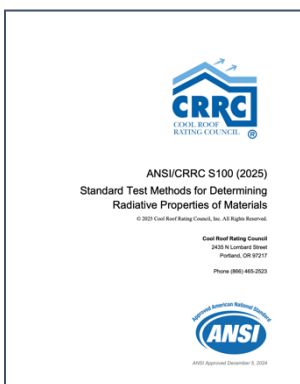## What are the CRRC Product Rating Program Manuals?

The Cool Roof Rating Council (CRRC) administers rating programs for roofing and exterior wall materials where manufacturers have their products tested, rated, and labeled with information about the product's surface radiative performance.

The CRRC-1 Roof Program Manual and CRRC-2 Wall Program Manual are proprietary documents that contain the requirements for participation in the CRRC Roof Rating Program and CRRC Wall Rating Program. The Program Manuals cover licensing, product rating procedures and authorizations, testing, product labeling, complaint resolutions, and appeals.

Though the Program Manuals include technical criteria for product ratings, they also reference the ANSI/CRRC S100 (CRRC S100) standard which includes more detailed testing and weathering requirements. Any technical information in the Program Manuals that does not reference the CRRC S100 is not in conflict with that standard.

The Program Manuals are updated on an as-needed basis to reflect the technical, policy, and programmatic decisions recommended by the CRRC Technical Committee (CRRC-1) and CRRC Wall Rating Program Committee (CRRC-2), with final approval by the CRRC Board of Directors.

What is the ANSI/CRRC S100 Standard?

The ANSI/CRRC S100 (CRRC S100) Standard, formerly called the CRRC-1 Standard, is an American National Standard that is maintained by the CRRC. The CRRC S100 covers specimen preparation and test methods for measuring the initial and aged solar reflectance and thermal emittance of roofing and exterior wall materials, as well as product weathering and reporting. The CRRC S100 is not a proprietary document and can be used by non-CRRC participants. For CRRC participants, the CRRC S100 supplements the Program Manuals.

Revisions to the CRRC S100 standard go through a public review process in accordance with CRRC and American National Standards Institute (ANSI) requirements. They are approved by a CRRC Consensus Body and undergo public review in accordance with CRRC and ANSI requirements. The CRRC S100 Standard is revised every three to five years with approval from the CRRC Board of Directors and ANSI.

Comparison Chart

The below chart lists the similarities and differences between the CRRC Program Manuals and the CRRC S100 standard.

Subjects	CRRC Program Manual (CRRC-1 Roof & CRRC-2 Wall)	CRRC S100 Standard
Applications and Fees	X	
Arbitration	X	
Appeals	X	
Board of Directors Control	X	
Closing of files (Revocation)	X	
Colorimetry and Color Family	X	X
Complaints	X	
Definitions	X	X
Label and Logo Use	X	
Laboratory Aging	X	X
Laboratories, Approval of	X	
Licensing	X	
Reporting of Test Results	X	X
Round Robin Testing of Laboratories	X	
Quality Control	X	
Specimen Selection and Size	X	X
Solar Reflectance Tests	X	X
Test Farms, Approval	X	
Test Farms, Location	X	X
Thermal Emittance Tests	X	X
Thickness Tests	X	X
Validation Testing	X	
Weathering	X	X