

Reference Guide for the CRRC-1 Product Rating Program and CRRC-1 Standard

What is the CRRC-1 Product Rating Program?

The CRRC-1 Product Rating Program represents the program as administered by the CRRC, and which is under direct control of the CRRC Board of Directors. The Product Rating Program includes requirements for CRRC-accredited laboratories, CRRC-accredited test farms, licensing and product rating applications and procedures, labeling of products, as well as procedures for complaint resolutions and appeals.

What is the CRRC-1 Standard?

The CRRC-1 Standard contains methods for measuring the initial and aged solar reflectance and thermal emittance of roofing materials. This Standard includes requirements describing sample preparation requirements, testing requirements, aged testing locations, and reporting requirements. Unlike the CRRC-1 Product Rating Program, the Standard is subject to public comment in accordance with ANSI protocol. The Standard is designed to be product neutral, and is developed under the ANSI process.

Why does the CRRC-1 Product Rating Program contain exceptions to the CRRC-1 Standard?

The CRRC-1 Product Rating Program Manual is continuously updated by the CRRC Board of Directors to account for new, more accurate test procedures and to improve the rating program as will. To assist in this research and development the CRRC has a Technical Committee who assesses new ideas and research, in association with other entities such as the US Department of Energy, Oak Ridge National Laboratory and the Lawrence Berkeley National Laboratory. The CRRC-1 Standard is updated on a 3-year cycle through a public review consensus process. At appropriate times in the development and updating of the Standard, if testing information may be valuable for inclusion into the CRRC-1 Standard, a CRRC formal public comment submission(s) is made to the ANSI/CRRC consensus process for consideration. In the event of any conflicting language between the CRRC-1 Standard and the Program Manual, then the Program Manual will be followed.

What is the ANSI public review process?

The CRRC-1 Standard is accredited by the American National Standards Institute (ANSI), a distinguished non-profit organization that coordinates the development of voluntary consensus standards through its Essential Requirements. ANSI's Essential Requirements specify that the process for standards development must be a collaborative, balanced, fair, open and consensus-based approval process. As such the standard must go through a public review process. As part of this process, a Consensus Body is formed with individuals that represent a balanced group of diverse interests, ensuring that all aspects of the standard are considered. Public comments are received and reviewed by this body, and following the completion of the process an updated or new version of the Standard is then published.

Comparison

To assist in understanding the similarities and differences between the CRRC-1 Product Rating Program and the CRRC-1 Standard a chart has been prepared outlining the key areas of each document.

Subjects (Alphabetical Order)	CRRC-1 Product Rating Program	CRRC-1 Standard
Applications and Fees	X	
Arbitration	X	
Appeals	X	
Board of Directors Control	X	
Closing of files (Revocation)	X	
Complaints	X	
Consensus Process Development		X
Definitions	X	X
Labeling and Label Use	X	
Laboratories, Accreditation of	X	
Licensing	X	
Random Testing	X	
Reporting of Test Results		X
Round Robin Testing of Laboratories	X	
Quality Control	X	
Sample Selection	X	X
Solar Reflectance Tests	X	X
Test Farms, Accreditation	X	
Test Farms, Location		X
Thermal Emittance Tests	X	X