



Procedure #4

October 25, 2007

1610 Harrison Street
Oakland, CA 94612

(866) 465-2523 Voice
(510) 482-4421 Fax

www.coolroofs.org

Reformulated Products and Inactive Product Ratings

Purpose

CRRC procedures contain details about the CRRC Product Rating Program that are approved by the CRRC Board and updated from time to time. Procedures do not change the basic intent or operation of the Rating Program, but provide more detail on the operation of the program.

Manufacturers occasionally change their product formulation, which can alter the radiative properties of the roofing material. When a significant change in the radiative properties occurs, it is important for the manufacturer to re-test the product to maintain accuracy in the CRRC Product Rating Directory. Section 3.9 of the CRRC Program Manual (CRRC-1) calls for any product that undergoes a formula change (defined as a change in radiative properties of 0.05 or more) to obtain a new CRRC Rating, including new initial and aged test results and a new product identification number. If a change is made to a product formulation which results in a change in ratings of less than 0.05, the Licensee may choose to re-rate their product, but is not required to do so. The product rating procedure for a reformulated product consists of the steps outlined in this document.

Manufacturers are required to complete aged property testing for reformulated products and other terminated products. The aged ratings will be added to the Inactive Product Ratings list.

Key Definitions

Formula change- Individual or accumulated changes in resin, pigment, pigment grind, materials ratios, or anything which in aggregate changes solar reflectance or thermal emittance by 0.05 or more.

Inactive Product Rating- Any product rating that was posted on the Directory that is removed from the main directory and relocated to the Inactive Product Rating List

Retested Product- a CRRC Rated Roofing Product that is retested by an AITL for which a new Test Results Report form is submitted to CRRC whose results vary from the initial rating by less than 0.05 and therefore does not fall under the definition of a product reformulation.

Replacement Product- A CRRC Rated Roofing product that replaces an original Rated Product due to product Reformulation, Random Testing failure, or discontinuation for any other reason.

Reformulated or Retested Product Rating Procedure

1. Licensee begins a completely new product rating process including initial and aged testing, new forms, and accompanying fee. For more detailed information, please see Procedure #2- Product Rating Procedure Details: Initial and Aged Testing.
2. Once the Licensed Seller receives the new Initial Test Results Report, the Licensed Seller submits the following documents to the CRRC:
 - A new Test Results Report



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- A Product Rating Application, that denotes that either a Formula Change or a Retesting has occurred on a CRRC Rated Roofing Product and lists the CRRC Product ID for the original formulation
 - Required Fees
 - If your company is a Licensed Seller, your products will be eligible for selection by the CRRC Random Testing Program, and you must provide the following with your initial application packet:
 - (1) Contractor/Distributor Contact Form (CRRC-F-9)
 - (2) A copy of the letter sent to Contractor/Distributors (a template is available online)
 - (3) Sample Collection Instructions Form (CRRC-F-10)
3. The CRRC processes the application and issues the product a new CRRC Product ID number that will consist of the original formulation ID number followed by a suffix. For example, if the original product had an ID number of 0460-0002, then the reformulated product would be issued an ID number of 0460-0002a. When the application is complete, the CRRC includes initial ratings results in Rated Products Directory.
 4. The rating for the previous formulation is terminated and the listing is moved from the Rated Products Directory to the Inactive Product Rating list.
 5. Licensee discontinues labeling the Inactive Product. Licensed Sellers may label the Replacement Product with a CRRC Product Label. The Label must include the full Product ID number, including the suffix.
 6. Aged Product Ratings for terminated and reformulated products are required and will be added to the Inactive Product Ratings list.

Inactive Product Ratings

1. Inactive Product Ratings, including terminated products, reformulated products and products that fail random testing, are moved from the online Rated Products Directory to the Inactive Product Ratings List. This list is maintained by CRRC staff and available upon request; the list will not be posted to the website.
2. When a Product is moved to the Inactive Product Ratings List before the Aged Testing has been conducted, or results thereof listed on the directory, the Licensee shall remain responsible for having the samples age-tested by an AITL and providing the results to the CRRC, which will then be included on the Inactive Product Ratings List.