


Cool Roofs over the Counter Permits procedure for Contractors, Permit counter staff, and Inspectors

**Re-roof Cool Roofs
CEC reg. 149 (b) 1 B**

Cool Roofs over the counter permit handout for low slope (2:12 slope or less) Nonresidential re-roofs (where more than 50% of the roof is re-roofed or more than 2000 sf). This CEC regulation applies to all non-residential re-roofs except for I occupancies (jails, hospitals, etc). Please note that Hotels and Motels are also exempt.

Re-roof Cool Roof products may come in the form of modified bitumen, built up roofing, single ply thermo plastic, fluid applied roofing, coatings, or something else. All products for the over the counter permit shall have at least 0.70 initial reflectance and 0.75 initial emittance and a CRRC Product ID number. Any product with values less than 0.70 and 0.75 cannot be issued over the counter and must be reviewed by the Plan Review staff. All Cool Roof re-roof products shall be labeled as a CRRC rated product and the labeled product material shall be available for the jurisdiction's permit inspector at the time of the inspection. The label appears as follows:

	<table border="0"> <tr> <td></td> <td align="center"><u>Initial</u></td> <td align="center"><u>Weathered</u></td> </tr> <tr> <td>Solar Reflectance</td> <td align="center">0.70 Min</td> <td align="center">Pending</td> </tr> <tr> <td>Thermal Emittance</td> <td align="center">0.75 Min</td> <td align="center">Pending</td> </tr> </table>		<u>Initial</u>	<u>Weathered</u>	Solar Reflectance	0.70 Min	Pending	Thermal Emittance	0.75 Min	Pending
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<p>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.</p> <p>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</p>										

The contractor should specify the CRRC rating for solar reflectance and thermal emittance on the permit application and permit staff should check the product by going to the CRRC rated products directory:

<http://www.coolroofs.org/ratedproductsdirectory.html>

Here is an example showing approved roofing type products from the directory:

Company Name and Contact	Brand	Model	Type	Initial Solar Reflect.	3-year Solar Reflect.	Initial Therm. Emit.
GAF Materials Corporation John Pohorsky 973-872-4355	Brai Supreme	Cool Cap App Poly Granule FR	Modified Bitumen	0.80	pending	0.84
GAF Materials Corporation John Pohorsky 973-872-4355	GAFGLAS	Energycap Mineral Surfaced Cap Sheet	Built-up Roofing	0.80	pending	0.90