2005 Modifications to CRRC-1
Product Rating Program Manual
CHAPTER 1.0 FORWARD
Section 1.4. Glossary of Terms

The following definitions were added to Chapter 1.0 to address the Color Family Program:

- Color Family
- Color Family Additional Element
- Color Family Element
- Color Family Group
- Color Family Representative Element
- Color Family Binder/Resin Technology
- Hunter “L”,”a”,”b” Color Values

Other minor changes to this section were made as well see CRRC-1 for details.
Chapter 2.0 Accredited Laboratories, Approved Test Farms and Testing

Minor additions were made to this chapter to reflect the inclusion of CRRC-1 Test Method #1 and the Color Family Program, including but not limited to the addition of ASTM D 2244

2.2.6 *Instrumentally Measured Color Tests* For Color Family Elements, only, Color Family Element samples shall be tested for Hunter “L”, “a”, and “b” values in accordance with the following test method: ASTM D2244
Chapter 3.0 Criteria for Product Rating And Roofing Company Licensing

The following sections were modified to accommodate the inclusion of CRRC-1 Method #1 and the Color Family Program (see CRRC-1)

- Sections 3.5 A - F were modified or added
- Section 3.5.1 E was added
- Section 3.7 was modified
- Section 3.8.1 was modified
- Section 3.8.2 was added
Table 1: CRRC Color Families and Characteristics

Table 1 was added to supplement the Color Family Program (See CRRC-1 for complete table)

<table>
<thead>
<tr>
<th>Color Family</th>
<th>Hunter “L” range</th>
<th>Hunter “a” range</th>
<th>Hunter “b” range</th>
<th>Default SR</th>
<th>Default TE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Red</td>
<td>17 to 29</td>
<td>+7 to +36</td>
<td>0 to +15</td>
<td>0.25</td>
<td>0.83</td>
</tr>
<tr>
<td>2 Terra Cotta</td>
<td>20 to 38</td>
<td>+15 to +30</td>
<td>+6 to +16</td>
<td>0.35</td>
<td>0.83</td>
</tr>
<tr>
<td>3 Bright Red</td>
<td>23 to 38</td>
<td>+35 to +49</td>
<td>+10 to +48</td>
<td>0.35</td>
<td>0.83</td>
</tr>
<tr>
<td>4 Beige / Off-White</td>
<td>59 to 86</td>
<td>-5 to +5</td>
<td>-3 to +23</td>
<td>0.55</td>
<td>0.83</td>
</tr>
<tr>
<td>5 Tan</td>
<td>51 to 65</td>
<td>-2 to +7</td>
<td>+6 to +21</td>
<td>0.55</td>
<td>0.83</td>
</tr>
<tr>
<td>6 Dark Blue</td>
<td>13 to 33</td>
<td>-7 to +6</td>
<td>-21 to -2</td>
<td>0.25</td>
<td>0.83</td>
</tr>
<tr>
<td>7 Med to Light Blue</td>
<td>34 to 55</td>
<td>-12 to -3</td>
<td>-20 to -8</td>
<td>0.32</td>
<td>0.83</td>
</tr>
</tbody>
</table>
The full set of changes to CRRC-1 Product Rating Program Manual can be viewed at www.coolroofs.org.

(Product Rating Program page)