LEGEND

1. Existing language - all such language appears in regular text.
2. New amendments or code language (45-day language) - all such language appears single underlined.
3. Repealed text in 45-day language - all such language appears in single strikeout.
4. Revisions to 45-day language – added language appears in double underline.
5. Revisions to 45-day language – repealed language appears in double strikeout.

Section 101 (b) – Add the following definitions:


**ASTM C1583** is the American Society of Testing and Materials document entitled, “Standard Test Method for Tensile Strength of Concrete Surfaces and the Bond Strength or Tensile Strength of Concrete Repair and Overlay Materials by Direct Tension” (Pull-off Method),” 2004 (ASTM C1583-04).


Section 118 (i) 3 – Make the following changes:

3. Liquid-applied roof coatings applied to low-sloped roofs in the field as the top surface of a roof covering shall

   A. be applied across the entire roof surface to meet at a the minimum dry mil thickness of 20 mils across the entire roof surface, or coverage recommended by the coating manufacturer, taking into consideration the substrate on which the coating is applied, and

   B. meet the minimum performance requirements listed in TABLE 118-C or the minimum performance requirements of ASTM C836, D3468, D6083, or D6694, whichever are appropriate to the coating material.

**EXCEPTION 1 to Section 118 (i) 3 B:** Aluminum-pigmented asphalt roof coatings shall meet the requirements of ASTM D2824 or ASTM D6848 and be installed as specified by ASTM D3805.

**EXCEPTION 2 to Section 118 (i) 3 B:** Cement-based roof coatings shall be applied at a minimum dry mil thickness of 30 mils when installed over a capsheet surface, 40 mils when installed over a metal surface, and 200 mils when installed over a rock or gravel surface. Cement-based roof coatings shall contain a minimum of 20% cement, and shall meet the requirements of ASTM C1583, ASTM D822, and ASTM D5870.

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**TABLE 118-C MINIMUM PERFORMANCE REQUIREMENTS FOR LIQUID APPLIED ROOF COATINGS FOR LOW-SLOPED ROOFS**

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>ASTM Test Procedure</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial percent elongation (break)</td>
<td>D2370</td>
<td>Minimum 60% 0 °F (-18°C)</td>
</tr>
<tr>
<td>OR</td>
<td>D2370</td>
<td>Minimum 200% 73°F (23°C)</td>
</tr>
<tr>
<td>Initial percent elongation (break)</td>
<td>D2370</td>
<td>Minimum 60% 0°F (-18°C)</td>
</tr>
<tr>
<td>Initial flexibility</td>
<td>D522, Test B</td>
<td>Minimum pass 1” mandrel 0°F (-18°C)</td>
</tr>
<tr>
<td>Property</td>
<td>Standard</td>
<td>Minimum Requirements</td>
</tr>
<tr>
<td>----------</td>
<td>----------</td>
<td>----------------------</td>
</tr>
<tr>
<td>Initial tensile strength (maximum stress)</td>
<td>D2370</td>
<td>Minimum 100 psi (1.38 Mpa) 73°F (23°C)  Minimum 200 psi (2.76 Mpa) 0°F (-18°C)</td>
</tr>
<tr>
<td>Initial tensile strength (maximum stress) OR Initial flexibility</td>
<td>D2370, D522, Test B</td>
<td>Minimum 200 psi (2.76 Mpa) 0°F (-18°C)  Minimum pass 1” mandrel 0°F (-18°C)</td>
</tr>
<tr>
<td>Final percent elongation (break) after accelerated weathering 1000 h</td>
<td>D2370</td>
<td>Minimum 40% 0°F (-18°C)  Minimum 100% 73°F (23°C)</td>
</tr>
<tr>
<td>Final percent elongation (break) after accelerated weathering 1000 h OR Flexibility after accelerated weathering 1000 h</td>
<td>D2370, D522, Test B</td>
<td>Minimum 40% 0°F (-18°C)  Minimum pass 1” mandrel 0°F (-18°C)</td>
</tr>
<tr>
<td>Permeance</td>
<td>D1653</td>
<td>Maximum 50 perms</td>
</tr>
<tr>
<td>Accelerated weathering 1000 h</td>
<td>D4798</td>
<td>No cracking or checking¹</td>
</tr>
</tbody>
</table>

¹ Any cracking or checking visible to the eye fails the test procedure.

### Appendix 1-A – Add the following references under American Society for Testing and Materials:


[Notation - Authority: Public Resources Code Sections 25213 and 25402 (a) and (b)
Reference(s): Public Resources Code Sections 25213 and 25402 (a) and (b)]