

TECHNICAL BULLETIN — Roofing Systems

Bulletin Number: T10-002
 Date: February 11, 2010
 Distribution: External

SBS Cool Roof (CR) Cap Sheet Cold Weather Installation Guidelines
 Bituminous Roofing Systems

SBS CR membranes have a factory-applied acrylic coating which gives the sheet its highly reflective and emissive properties. These properties allow the cap sheet to stay cooler in the sun longer, and therefore require an extended relaxation time prior to installation. Below are cold weather guidelines required when installing SBS CR cap sheets. These recommendations are especially important when temperatures fall below 40°F (5°C).

Storage:



Properly store SBS CR rolls at temperatures above 40°F (5°C). **Do not allow to freeze.**

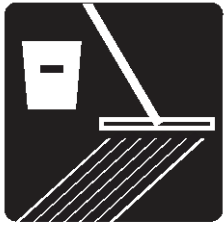
Preparation:

Allow plenty of time to fully relax the SBS CR rolls prior to application. The roll itself should reach at least 40°F (5°C) prior to application. The amount of time will be dependent on ambient temperature and sunlight. Care should be taken to prevent folding or creasing of the sheet – this could result in surface cracking of the coating.

Application:

SBS CR products should always be installed in temperatures of 40°F (5°C) and rising.

Application	Precaution
 <p data-bbox="285 1402 435 1436">Heat Weld</p>	<p data-bbox="581 1178 1393 1409">Heat weld rolls can be rolled back onto their original cores for installation. When unrolling, apply light heat (as needed) to warm the roll, then apply appropriate heat to achieve complete weld of the roll to the substrate. This technique will help minimize cracking of the CR coating. Care should be taken to prevent folding or creasing of the sheet – this could result in surface cracking of the coating.</p> <p data-bbox="581 1444 1333 1509">The substrate may also need to be warmed slightly as the product is installed.</p>
 <p data-bbox="277 1776 444 1810">Hot Asphalt</p>	<p data-bbox="581 1547 1414 1713">When installing using the back-roll or low-slide technique, utilize a minimum 6" (152 mm) PVC pipe or other cylinder to back roll the product after it has relaxed as described above. Care should be taken to prevent folding or creasing of the sheet – this could result in surface cracking of the coating.</p> <p data-bbox="581 1749 1382 1843">When unrolling, apply light heat with a torch or hot air gun (as needed) to warm the roll. This technique will help minimize cracking of the CR coating.</p>

 <p>Cold Applied</p>	<p>When installing using the back-roll or low-slide technique, utilize a minimum 6" (152 mm) PVC pipe or other cylinder to back roll the product after it has relaxed as described above. Care should be taken to prevent folding or creasing of the sheet – this could result in surface cracking of the coating.</p> <p>When unrolling, apply light heat with a torch or hot air gun (as needed) to warm the roll. This technique will help minimize cracking of the CR coating.</p>
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Finished Project:

Please note that a small amount of light cracking of the coating can be normal. These minor visual imperfections do not affect the waterproofing performance or integrity of the CR materials. For aesthetic purposes only, a recoating may be applied using JM CR Coating. The CR Coating will be available in March 2010.

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