



**Summary of Reflectance and Emittance Measurements
for Cedar Shakes and Shingles**

The Cedar Shake and Shingle Bureau organized sets of cedar shakes and shingles for measurements of solar reflectance and thermal emittance in accordance with CRRC guidelines. The results for three types of product are contained in completed "Initial Test Results Reports" CRRC-F-2 Forms that are attached. The following table summarizes the measured data and SRI values calculated from the data for medium wind speed.

Summary of Results

<u>Product Type</u>	<u>Solar Reflectance</u>	<u>Thermal Emittance</u>	<u>SRI</u>
Certi-Split [®] Brand 24" x 3/4" Handsplit and Resawn Shake	0.55	0.87	64
Certi-Sawn [®] Brand 24" x 5/8" Tapersawn Shake	0.54	0.85	62
Certigrade [®] Brand 18" Perfection Shingles	0.54	0.82	61

A handwritten signature in cursive script that reads 'David W. Yarbrough'.

David W. Yarbrough, PhD, PE
November 10, 2011