



## **MEGAFLEX™ M-100 is a ENERGY STAR® Qualified Roof Product**

**And carries the ENERGY STAR® Certification Logo Mark**

The ENERGY STAR® Roof Products Program is sponsored, and jointly funded, by the Department of Energy (DOE) and the Environmental Protection Agency (EPA). The purpose of the program is to promote energy efficiency as an easy and desirable option for building owners to prevent pollution, protect the global environment, and save on energy bills<sup>1</sup>.

The ENERGY STAR® Roof Program focuses on reflective roof products and is often referred to as “Cool Roof”. In addition to offering energy cost savings, “Cool Roofs” will also last longer. White reflective roof coatings not only provide protection of the roof surface from harsh UV sunlight and normal weathering, they also extend the useful life of the roof by reducing surface temperature, “Heat Aging” and “Thermal Shock”.

	<u>Initial</u>	<u>Aged (3 Years)</u>
<b>ENERGY STAR® Solar Reflectance Requirement (Min.):</b>	<b>65%</b>	<b>50%</b>
<b>MEGAFLEX™ M-100 Cool Roof White Coating<sup>2</sup>:</b>		
<b>Solar Reflectance<sup>3</sup> (ASTM C-1549):</b>	<b>86%</b>	<b>72%</b>
<b>Thermal Emittance<sup>3</sup> (ASTM C-1371):</b>	<b>.87</b>	<b>.86 to .90</b>
<b>Thermal Emittance<sup>3</sup> (ASTM E-408):</b>	<b>.94</b>	<b>N/A</b>

<sup>1</sup> Energy savings from the installation of an ENERGY STAR® Roof Product are climate specific and vary by building. The greatest savings will occur in buildings located in hot and sunny climates that have a high roof surface to building volume ratio, and lower levels of attic and/or roof insulation.

<sup>2</sup> MEGA test results for initial and aged are derived from product testing conducted by Oak Ridge National Laboratory and independent certified laboratories.

<sup>3</sup> Initial Solar Reflectance and Thermal Emittance Rating has been verified by the Cool Roof Rating Council. MEGA is a Charter Member, and a Licensed Manufacturer, of the Cool Roof Rating Council. Thermal Emittance is not an ENERGY STAR requirement at this time.

