

# Appendix B: LEED for Homes

Leadership in Energy and Environmental Design



**MonierLifetile**

Changing the way people think about roofs.

LEED for Homes Reference Guide FIRST EDITION © 2008

The information below relates to Leadership in Energy and Environmental Design (LEED) for Homes First Edition © United States Green Build Council (USGBC) 2008. MonierLifetile potentially contributes to LEED project certification points.

MonierLifetile's Lifecycle	MonierLifetile Concrete RoofTile	LEED for Homes Requirements	LEED Category	Max. Category Points
<b>Raw Material</b>				
<i>Generating premium construction material from nature's close-to-home ground resources.</i>	MLT increases demand for environmentally preferable products through extracting, processing, and manufacturing sustainable concrete tile in regions across the nation. Tile components used are: sand, water, cement and pigment.	Use building materials or products that have been extracted, harvested or recovered as well as manufactured within 500 miles of the project site.	<b>Material Resources 2.0: Environmentally Preferable Products (MR 2.0)</b>	<b>1</b>
<b>Product/Solution/System</b>				
<i>Saving through innovation. (Economic Innovation)</i>	Select MLT roof tiles may meet or exceed solar indexes of 29, greatly reducing air conditioning needs.	Reduce solar heat and the subsequent transfer of heat to the surroundings by using a material with a solar index of 29 or more.	<b>Sustainable Sites 3.0: Local Heat Island Effects (SS 3.0)</b>	<b>1</b>
<b>Responsible Installation</b>				
<i>Protecting homes by partnering with the environment.</i>	Select MLT roof tiles may meet or exceed the requirements of ENERGY STAR, greatly reducing air conditioning needs.	Improve the overall energy performance of a home by meeting or exceeding the performance of an ENERGY STAR labeled home.	<b>Energy and Atmosphere 1.0: Energy Performance (EA 1.0)</b>	<b>4</b>
<b>Waste Management</b>				
<i>Partnering with the community to distribute the life and influence of concrete.</i>	MLT prides itself in manufacturing quality concrete invaluable for re-use in regional construction fill needs or community landscaping designs.	To divert waste from landfills, develop a construction waste management plan assessing where material may be re-used regionally. Increased waste diversion. Divert 25% or more of the total material taken off the construction site from landfill and incinerators.	<b>Material Resources 3.2: Construction Waste Management and Reduction (MR 3.2)</b>	<b>4</b>

**Total Maximum Points Achievable for using MonierLifetile products or systems: 10**  
 % of Certification Requirements: **21%**



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