

Category	US Green Building Council Requirements	Hanson Solution		Points
		Clay and Concrete Brick	Concrete Roof Tile	
<b>Local Heat Island Effects</b>				
<b>SS 3</b>	<ul style="list-style-type: none"> <li>Material with a solar reflectance (SRI) &gt; 29</li> </ul>		<ul style="list-style-type: none"> <li>Roof Tile offers product with SRI &gt; 29</li> </ul>	1
<b>Nontoxic Pest Control</b>				
<b>SS 5</b>	<ul style="list-style-type: none"> <li>Design home features to minimize the need for poisons for control of insects, rodents, and other pests</li> <li>e) vi) Use solid concrete foundation walls or masonry wall with top course of solid bond beam or concrete filled block</li> </ul>	<ul style="list-style-type: none"> <li>Clay bricks are commonly used for foundations</li> </ul>		½
<b>Energy Performance</b>				
<b>EA 1</b>	<ul style="list-style-type: none"> <li>Improve the overall energy performance of a home by meeting or exceeding the performance of an ENERGY STAR labeled home</li> </ul>	<ul style="list-style-type: none"> <li>Thermal mass effect of clay brick (especially indoors) moderates the temperature swings and can reduce the heating and cooling loads of homes. The thermal performance of the home needs to be modeled</li> </ul>	<ul style="list-style-type: none"> <li>Roof Tiles with SRI &gt;29 help to reduce cooling loads in homes</li> </ul>	Up to 4
<b>Environmentally Preferable Products</b>				
<b>MR 2</b>	<ul style="list-style-type: none"> <li>Local production. Use products that were extracted, processed and manufactured within 500 miles of the home</li> </ul>		<ul style="list-style-type: none"> <li>Because of the geographical spread of Hanson brick and roof tile plants, most projects are within 500 miles of a brick or roof tile plant. Check with your local sales representative or refer to the LEED locator tool on the Hanson websites: <a href="http://www.hansonbrick.com">www.hansonbrick.com</a> or <a href="http://www.hansonroofile.com">www.hansonroofile.com</a></li> </ul>	½
<b>Environmentally Preferable Products</b>				
<b>MR 2</b>	<ul style="list-style-type: none"> <li>Exterior wall. Masonry. Recycled content products must contain a minimum of 25% postconsumer recycled content Postindustrial (pre-consumer) recycled content must be counted at half the rate</li> </ul>		<ul style="list-style-type: none"> <li>Check with your local sales representative regarding the recycle content</li> </ul>	½
<b>Waste Management</b>				
<b>MR 3</b>	<ul style="list-style-type: none"> <li>Increased waste diversion. Divert 25% or more of the total material taken off the construction site from landfill and incinerators</li> </ul>		<ul style="list-style-type: none"> <li>Being small and modular in nature, masonry is less prone to waste. Masonry units and roof tiles can be crushed and recycled or reused as fill or landscaping</li> </ul>	3
<b>Combustion Venting (controlling fireplace exhaust gases)</b>				
<b>EQ 2</b>	<ul style="list-style-type: none"> <li>Minimize the leakage of combustion gases into the occupied space of the home. Install masonry heater as defined by ASTM E-1602 and IBC 2112.1</li> </ul>	<ul style="list-style-type: none"> <li>The masonry heater uses the thermal mass of the brick to warm the room for up to 10 hours after the fire</li> </ul>		2