

Product Qualification with LEED



The below details information regarding scoring LEED points with ROCKWOOL insulation products.

LEED Category & Credit	ROCKWOOL Contribution	Possible Points
Energy & Atmosphere		
<p>EA Credit 1:</p> <p>Achieve increasing levels of energy performance beyond the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.</p>	<p>ROCKWOOL insulation provides excellent thermal resistance with a low U-Value and can play a significant role in reducing energy used in heating and cooling of buildings. Hence, it can contribute to energy savings in terms of improving the efficiency of energy consumed through consistent thermal performance.</p>	<p>1 – 19 points</p> <p>Eligible points depend on percentage of energy saved.</p>
Materials & Resources		
<p>MR Credit 2:</p> <p>Divert construction and demolition debris from disposal in landfills and incineration facilities. Redirect recyclable recovered resources back to the manufacturing process and reusable materials to appropriate sites.</p> <p>Recycled or Salvaged 50% Recycled or Salvaged 75%</p>	<p>ROCKWOOL products are dimensionally stable and sag resistant. When removed undamaged, may be reused and recycled for other projects, enhancing performances and reducing construction waste. ROCKWOOL recommends using skips or bins in construction site for disposing usable insulation so that it can be reused or recycled within the construction site.</p>	<p>1 point 2 points</p>

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Materials & Resources		
<p>MR Credit 4:</p> <p>Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.</p> <p>Recycled Content 10% Recycled Content 20%</p>	<p>ROCKWOOL products contain up to 20% preconsumer recycled materials. This does not only reduce the impact that results from extraction and processing of raw materials, but also reduce the volume of solid waste that is produced as a byproduct of our built environment.</p>	<p>For detailed percentage of recycled content, please consult your local sales representative.</p> <p>1 point 2 points</p>
<p>MR Credit 5:</p> <p>Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.</p> <p>Regional Materials 10% Regional Materials 20%</p>	<p>ROCKWOOL Asia has four strategically located factories – one in Guangzhou (China), one in Selangor (Malaysia), one in Melaka (Malaysia) and another in Rayong (Thailand). All factories are near highly populated areas and in close proximity to major transportation routes and may be within 500 miles of the project site.</p>	<p>For the eligible points, project site distance would have to be calculated.</p> <p>1 point 2 points</p>
Indoor Environment Quality		
<p>IEQ Credit 3.2:</p> <p>Reduce indoor air quality problems resulting from construction or renovation to promote the comfort and wellbeing of construction workers and building occupants.</p>	<p>ROCKWOOL insulation contains no asbestos or hazardous air pollutants. The emission test can meet / or is significantly below the maximum concentration criteria of IAQ pollutants set out by LEED. By reducing the heat transfer through the building envelope, ROCKWOOL products can also reduce the greenhouse gas (GHG) emissions produced by coal-fired power plants.</p>	<p>1 point</p>
<p>IEQ Credit 7.1</p> <p>Provide a comfortable thermal environment that promotes occupant productivity and well-being.</p>	<p>ROCKWOOL products provide low thermal conductivity, meaning they have a low U-Value and are highly effective in terms of reducing heat transfer. Hence, it can help to minimize thermal cycling due to external conditions, providing a comfortable thermal environment that supports the productivity and well-being of building occupants.</p>	<p>1 point</p>
Innovation In Design		
<p>Provide design team and project the opportunity to achieve exceptional performance above the requirements set by the LEED Green Building Rating System and/or innovative performance in Green Building categories not specifically addressed by the LEED Green Building Rating System.</p>	<p>ROCKWOOL products provide superior acoustic, water repellency and fire performance.</p>	<p>1 – 5 points</p>

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