



LEED Overview Koninklijke Mosa

Credit	Calculation	Mosa Products		Mosa contribution details
		Achieve Credit Requirement	May impact	
Sustainable Sites				
7.1/(LEED CI)1.PATH 4. Heat Island Effect - Nonroof	Building that uses light-coloured qualifying tiles (Solar Reflectance Index SRI ≥29) for the exterior	X 1 credit point		Selected types of Mosa tiles qualify for 1 credit point. Please contact us at info@mosa.nl for specific SRI test results for the tiles of your choice.
Materials and Resources				
1.2 Building re-use	Maintain at least 40% to 60% by area of the existing non-shell, non-structural components (e.g. walls, floor and ceiling systems)		X LEED-CI: 40% of content: 1 point 60% of content: 2 points LEED-S: 50% of content: 1 point	Thanks to the very long economic life span of 75 years, Mosa tiles are a good choice in order to gain credit points for future refurbishment of commercial interiors and schools.
2. Construction waste Management	Recycle and/or salvage nonhazardous construction and demolition debris		X 50% recycled/salvaged: 1 point 75% recycled/salvaged: 2 points	All Mosa packaging materials are recyclable. Paper and carton is produced from unbleached, recycled paper which can be reused. Goods supplied to the USA are packed on heat treated pallets.
3.1 Material re-use	Use at least 5 to 10% (cost based) of salvaged, refurbished or reused materials as building material		X 5% reused materials: 1 credit point 10% reused materials: 2 credit points	Thanks to the very long economic life span of 75 years, Mosa tiles are a good choice in order to gain credit points for future refurbishment of commercial interiors and schools.

4. Recycled content	Sum of postconsumer recycled content plus 0.5 of preconsumer recycled content constitutes at least 10% or 20% of total cost value of project materials	X 10% of content: 1 credit point 20% of content: 2 credit points		<p>Floor tiles: all Mosa unglazed floor tiles contain 21 % preconsumer recycled material and therefore qualify for 1 credit point. Softgrip/ Globalgrip qualify for 2 credit points as they contain 45% preconsumer recycled material.</p> <p>Wall tiles: all Mosa wall tiles in 6x6 inch (15x 15 cm) consist of 25% preconsumer recycled material and qualify for 1 credit point. All other Mosa wall tiles contain 16% preconsumer recycled material.</p>
5. Regional materials	Combined value of regionally manufactured construction materials plus CSI Division 12 furniture products	X Min. 20% of combined value manufactured within 500 miles/800 km from the project: 1 credit point	X Min. 10% of combined value extracted and manufactured within a radius of 500 miles/800 km from the project: 2 credit points	<p>Mosa tiles are manufactured in Maastricht, The Netherlands.</p> <p>Over 87% of all raw materials are from local quarries in Holland, Germany and France, within a radius of 400 kilometres from our factories in Maastricht. Mosa requires sustainable exploitation of quarries from material suppliers, plus an environment recovery plan after the exploitation period ends.</p>
Indoor Environmental Quality				
4.3 Low-emitting materials - floor systems	Mineral-based finished flooring products qualify for credit without any IAQ testing requirements (according to LEED update April 14 th , 2010).	X 1 credit point		Mosa tiles are made of durable, environmentally friendly and non-toxic materials. Main ingredients are clay, minerals and feldspar, pressed together and fired at high temperatures in our patented Ultragres process. Mosa tiles are VOC-free and qualify for 1 credit point.

Innovation and Design Process				
1. Innovation in Design	Life Cycle Assessment (LCA)	X 1 credit point		A life cycle assessment is available for both Mosa wall and floor tiles.
	Cradle to Cradle certification® (C2C)	X 1 credit point (project based ID credit for an innovative strategy)		All Mosa wall tiles and all Mosa unglazed floor tiles are certified Cradle to Cradle® Silver. For more information about the use of Cradle to Cradle certified products in LEED, please refer to http://mbdc.com/images/LEED-Innovation_in_Design_credit-2009_12_15.pdf
	Radiant heat underlayment systems		X 1 credit point (project based ID credit for an innovative strategy)	Mosa tiles are among the most efficient floor coverings in combination with radiant heat underlayment systems. This can be used in an application for a project based ID credit for an innovative strategy (1 credit point).