

# LEED® - NC Points

CONFORM™ formwork can contribute to the following LEED® credits:



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LEED® Credit(s) Number	LEED® Credit(s) Name	LEED® 2009 Requirements	CONFORM™ Contribution
<b>SS Credit 5.1</b> 1 point available	<b>Site Development - Protect or Restore Habitat</b>	Limit site disturbance to conserve existing natural areas and restore damaged areas to provide habitat and promote biodiversity	- Less site space due to less scrap storage, due to interior bracing, due to less exterior cladding and finishes
<b>EA Credit 1</b> 10 points available	<b>Energy and Atmosphere - Optimize Energy Performance</b>	Reduce the environmental and economic impacts of energy usage by meeting or exceeding various the energy consumption standards	- High Thermal Mass rating facilitates compliance with ASHRAE 90.1 by reducing building energy demand - High reflectivity and off-white color helps reduce lighting energy demand - Low air leakage reduces HVAC energy demand
<b>MR Credit 2</b> 2 points available	<b>Materials and Resources - Construction Waste Management - Divert 50% from Disposal Divert 75% from Disposal</b>	Recycle and/or salvage non-hazardous construction and demolition debris to minimize the dependence on landfill or incineration facilities.	- Pre-fabricated components to suit specific building requirements results in no construction waste - Pre-engineering and design to suit specific building requirements results in minimal spare components on site - Spare components can be re-used for other buildings
<b>MR Credit 4</b> 2 points available	<b>Materials and Resources - Recycled Content - 10% (post-consumer + ½ pre-consumer) 20% (post-consumer + ½ pre-consumer)</b>	Incorporate post-consumer and pre-consumer content into materials, thereby reducing the impacts resulting from the extraction and processing of virgin materials	- CONFORM™ is manufactured from up to 80% pre-consumer recycled material that is waste from other vinyl manufactured products - Concrete used in the CONFORM™ formwork can be manufactured using recycled aggregates and/or recycled flyash
<b>MR Credit 5</b> 2 points available	<b>Material and Resources - Regional Materials - 10% Extracted, Processed &amp; Manufactured regionally 20% Extracted, Processed &amp; Manufactured regionally</b>	Use building materials or products that have been manufactured within 800 km (500 miles) of the final manufacturing site, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation	- CONFORM™ is manufactured in Toronto and is within 500 miles of most of the northern USA - Concrete used in the CONFORM™ formwork is manufactured locally and uses local aggregates
<b>IEQ Credit 4.1</b> 1 point available	<b>Indoor Environmental Quality - Low-Emitting Materials - Adhesives &amp; Sealants</b>	All adhesives and sealants must comply with the South Coast Air Quality Management District (SCAQMD) Rule #1168, thereby increasing occupant comfort and well-being	- Low VOC
<b>IEQ Credit 4.2</b> 1 point available	<b>Indoor Environmental Quality - Low-Emitting Materials - Paints &amp; Coatings</b>	Paints and coatings must not exceed the VOC content limits established in Green Seal Standard GS-11, Paints, First Edition, May 20, 1993	- Low VOC
<b>IEQ Credit 7.1</b> 1 point available	<b>Thermal Comfort - Design</b>	Design heating, ventilation and air conditioning (HVAC) systems and the building envelope to meet the requirements of ASHRAE Standard 55-2004	- High Thermal Mass reduces temperature variations - Low air leakage reduces drafts
<b>ID Credit 1</b> 5 points available	<b>Innovation &amp; Design - Innovation &amp; Design</b>	Achieve significant, measurable environmental performance using strategies not addressed in LEED 2009	- CONFORM™ is durable - Low maintenance