

LEED Requirement Information

- The U.S. Green Building Council (USGBC) has produced the LEED (Leadership in Energy and Environmental Design) Green Building Rating System. The LEED Rating System takes into consideration practices relevant to the natural environment, such as the preference for using sustainable resources, conservation of non-sustainable resources, and reduction of pollution.
- The USGBC has established a system for quantifying the measures taken toward building a greener building and then rewards participants by recognizing their efforts as measured by the LEED system.
- The Canada Green Building Council (CaGBC) has produced LEED Canada, an adaptation of the LEED Rating System used in the United States tailored specifically for Canadian climates, construction practices and regulations.
- While the prerequisites and intent are aligned, consult your regional LEED documentation for specific requirements.
- In support of green buildings and resource conservation, Formica Corporation provides specifiers, designers, builders and owners with relevant information about our products. The areas in which Formica brand products can contribute toward LEED credits follow:

USGBC LEED: 2009 edition of New Construction, Schools and Commercial Interiors, Version 3

LEED Canada: Commercial Interiors, Version 1.0

FORMICA NORTH AMERICA

Formica® brand products can contribute to earning LEED credits

LEED Credit Topic Area	Section	Requirement	Formica Contribution
Materials & Resources for NC Schools CI	MR 4 Recycled Content	Use materials with recycled content such that the sum of post-consumer recycled content plus ½ of the pre-consumer recycled content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project. The recycled content value of a material or furnishing is determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.	Formica® brand laminates manufactured in North America contain 6-14% post and pre-consumer recycled content depending on grade (general purpose and postforming grades).
	MR 5 Regional Materials	NC & Schools: Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% or 20%, based on cost, of the total material value. CI: Option 1: Use a minimum of 20% of the combined value of construction and Division 12 (Furniture) materials and products that are manufactured* regionally within a radius of 500 miles. Option 2: Use a minimum of 10% of the combined value of construction and Division 12 (furniture) materials and products, extracted, harvested or recovered, as well as manufactured, within 500 miles of the project. *Manufacturing refers to the final assembly of components into the building product that is furnished and installed by the tradesmen.	Formica brand laminates are manufactured in Cincinnati, OH and St.Jean, Canada. Formica® Solid Surfacing is manufactured in China.
	MR 7 Certified Wood	Requirement NC & Schools: Use a minimum of 50% (based on cost) of wood-based materials and products that are certified in accordance with the Forest Stewardship Council's principles and criteria, for wood building components. Furniture may be included if it is included consistently in MR 3 through MR 7. CI: When using new wood-based products and materials, use a minimum of 50% that are certified in accordance with the Forest Stewardship Council's principles and criteria. Division 12 (Furniture) material value is included in the determination of the certified wood content.	Suppliers of paper used in manufacture of Formica brand laminates are independently certified to the FSC, SFI and PEFC chain of custody standards.



FORMICA NORTH AMERICA

Formica® brand products can contribute to earning LEED credits.

LEED Credit Topic Area	Section	Requirement	Formica Contribution
Indoor Environmental Quality for Schools CI NC (IEQ 4.5 is not applicable)	IEQ 4.1 Adhesives & Sealants	<p>NC & CI: Adhesives, Sealants and Sealant Primers must comply with South Coast Air Quality Management District (SCAQMD) Rule #1168.</p> <p>Schools: All adhesives and sealants installed in the building interior must meet the testing and product requirements of the California Department of Health Services Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers, including 2004 Addenda</p>	<p>Formica® Laminate and Solid Surfacing can be installed with adhesives that meet these requirements.</p> <p>Please contact adhesives manufacturers for product data and application procedures.</p> <p>Formica Laminate, Solid Surfacing and DecoMetal® are GREENGUARD Children & Schools certified.</p>
	IEQ 4.4 Composite Wood & Laminate Adhesives	<p>NC & CI: Composite wood and agrifiber products used on the interior of the building must contain no added urea-formaldehyde resins. Laminating adhesives used to fabricate on-site and shop-applied composite wood and agrifiber assemblies must not contain added urea-formaldehyde resins.</p> <p>Schools: All composite wood and agrifiber products installed in the building interior must meet the testing and product requirements of the California Department of Health Services Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers, including 2004 Addenda</p> <p>Composite wood and agrifiber products are defined as particleboard, medium density fiberboard (MDF), plywood, wheatboard, strawboard, panel substrates and door coors. Materials considered fixtures, furniture and equipment (FF&E) are not considered base building elements and are not included.</p>	<p>Formica brand adhesives do not contain urea-formaldehyde resins.</p> <p>Formica Laminate, Solid Surfacing and DecoMetal® are GREENGUARD Children & Schools certified.</p>
	IEQ 4.5 Furniture & Furnishings	<p>Schools & CI All classroom furniture (schools) and systems furniture and seating (CI) that are manufactured, refurbished or refinished within 1 year prior to occupancy must be GreenGuard certified.</p>	<p>Formica Laminate, Solid Surfacing and DecoMetal® are GREENGUARD Children & Schools certified.</p>

