

Building better Roads



ColasCanada Group of Companies and LEED®

Leadership in Energy and Environmental Design (LEED®)

ColasCanada Inc. is a group of the leading road building and maintenance companies in Canada. The group includes some of the most well established companies throughout the country including; Terus Construction Ltd. In British Columbia and the Yukon, Canadian Road Builders Inc. throughout Western Canada, In Alberta and the Northwest Territories: E Construction Ltd., Standard General Inc. – Edmonton, Standard General Inc. – Calgary, Wapiti Gravel Suppliers and Sintra Inc. in Quebec.

ColasCanada is a proud member of the Canada Green Building Council (CaGBC). The CaGBC is a broad-based inclusive coalition of representatives from different segments of the design and building industry formed to accelerate the design and construction of Green Buildings across Canada. The CaGBC administers the Leadership in Energy and Environmental Design (LEED®) rating system in Canada.

Our group of companies are committed to working in a responsible and sustainable manner and through our operating companies and through Colas Solutions, we offer many products and services that can help contribute to LEED credits.

LEED® Canada - 2009 Credit	LEED® CREDIT	Points	Our Solutions
Sustainable site design	Credit 6.1: Storm water management: flow and quantity	1	Our solutions can help to improve storm water management: using porous surface coverings or reservoir road structures that can help to regulate peak environmental discharges.
	Credit 6.2: Storm water management: treatment	1	Our Coletanche product is an impermeable bituminous membrane, ideally adapted for hydraulic structures and reservoirs or large decorative reservoirs.
	Credit 7.1: Site designed to reduce heat islands; Non-rooftop items.	1	Roads or parking lots can be resurfaced with plant mix made using clear aggregate, clear synthetic binding materials or vegetal-based binding materials.
	Credit 8: Minimize illumination outside the building and the site, improve night-time visibility, reduce glare and decrease the impacts of development on nocturnal environments.	1	Choosing a clear binder, plant-based Vegecol or Bituclair, maintains safe highlighting levels by regulating the light's intensity and not illuminating outside the site.
Materials and resources	Credit 2.1: Construction waste management: divert 50% of the waste from landfills.	1	All granulated materials, cement demolition materials or existing roadways that must be removed can be sent to our recycling facilities.
	Credit 2.2: Construction waste management: divert 75% of the waste from landfills.	1	All granulated materials, cement demolition materials or existing roadways that must be removed can be sent to our recycling facilities.
	Credit 3.1: Reuse resources: 5%	1	Material waste from construction sites can be 100% reincorporated into roadway and parking lot structures.
	Credit 3.2: Reuse resources: 10%	1	Material waste from construction sites can be 100% reincorporated into roadway and parking lot structures.
	Credit 4.1: Recycled material content. 7.5% (post-consumption recycled material + 1/2 post-industrial matter)	1	Colasolutions offers mix made using up to 20% recycled materials. This is possible since the entire roadway structure was designed using recycled materials.
	Credit 4.2: Recycled material content: 15% (post-consumption)	1	Colasolutions offers mix made using up to 20% recycled materials. This is possible since the entire roadway structure was designed using recycled materials.
	Credit 5.1: Regional materials: 10% of regionally-extracted and regionally-manufactured materials	1	All of our products, granular materials, plant mixes and cements are locally-extracted and locally-produced materials (in a 800 km radius).
	Credit 5.2: Regional materials: 20% of regionally-extracted and regionally-manufactured materials	1	All of our products, granular materials, plant mixes and cements are locally-extracted and locally-produced materials (in a 800 km radius).
	Credit 6: Rapidly renewable materials	1	Vegecol is a plant-based binding material. Stemming agricultural resources, not destined for human or animal consumption, it is also renewable.
Innovation and design process	Credit 1.1 to 1.4: 4 points maximum	4	<p>Our company has the expertise to use new products and apply new techniques, exceeding the LEED program requirements.</p> <p>Products such as low-energy plant mixes (EcoMat) meet the energy-reduction and greenhouse gas reduction requirements, compared to regular plant mixes.</p> <p>Our Vegecol product is the first roadway surfacing product on the market that uses a fully plant-based binder and is therefore 100% renewable.</p>

For more information on the CaGBC website at www.cagbc.org



Building better Roads

