Concrete from CBM will help your project secure points for LEED® Certification



... and a green future for us all!

Concrete thinking for

MATERIALS & RESOURCES

Building Reuse.

Use existing concrete walls and structure.

Construction Waste Management.

Divert concrete demolition from landfill. Recycle and reuse materials.

Resource Reuse.

Incorporate recycled concrete from previously demolished projects or same site.

Recycled Content.

Supplementary cementing materials (SCMs) - such as fly ash and slag. Specify total replacements in concrete.

Regional Materials.

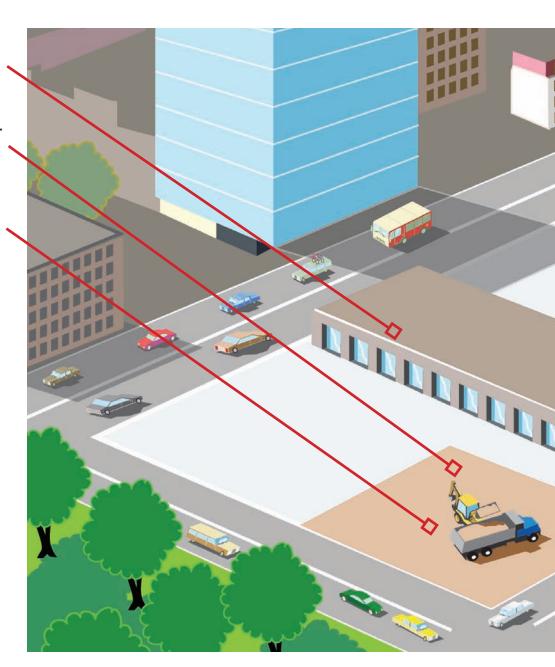
All ready mix concrete qualifies.

Durable Building.

All concrete qualifies.



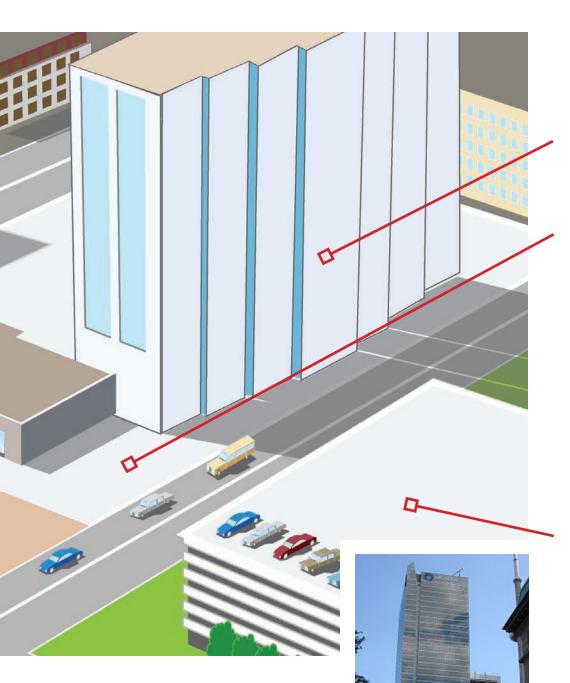
The Currents, located just minutes from downtown Ottawa is a unique building containing 43 luxury condo units with spectacular views of the Ottawa skyline and the rolling Gatineau Hills. The Windmill Developments Group expects The Currents to be the first gold-certified residential complex in Canada. The use of recycled content in the form of SCMs is contributing to this goal.





Bay Adelaide Centre is anchored by prestigious legal and accounting firms and is considered 'the centre of business' in Toronto. The building successfully incorporated the historic National Building facade at 347 Bay Street into a wonderful design of a premier 51-story office building. At the time of completion Bay Adelaide Centre was Toronto's first and only LEED® Certified Gold high-rise office building.

a sustainable future!



The RBC Centre has been dubbed "Toronto's most environmentally friendly office tower" by media. The RBC Centre is a 42-story office tower located on the southwest corner of Wellington and Simcoe Streets in downtown Toronto. This building achieved LEED gold status for the project's environmental sustainability

ENERGY & ATMOSPHERE

Prereq. 2: Minimum Energy Concrete Mass Performance Effect

Optimize Energy Concrete Mass Performance Effect.

SUSTAINABLE SITES

Stormwater Management.

Limit disruption and pollution of natural water flows by managing storm water runoff. Use permeable concrete for parking lots and plazas.



Heat Island Effect.

Specify high albedo materials such as concrete containing light coloured aggregate and SCMs known to lighten the color of concrete such as slag. Place a minimum of 50% of parking spaces underground or covered by structured parking.



An introduction to LEED® Canada

A measurement system is required if buildings are to be evaluated for their environmental performance. Such systems allow the many variables in a project to be quantified and assessed objectively.

In North America the most accepted system has become LEED® (Leadership in Energy and Environmental Design). LEED is a design guideline and third-party certification tool that aims to improve occupant well being, environmental performance and economic returns. It is a voluntary, consensus-based, marketdriven, performance-oriented system where points are earned in seven categories for meeting specific credit requirements.

In order to attain LEED certification, a project first must comply with LEED prerequisite items. Then there is a range of credits that projects can comply with to qualify for LEED certification levels by meeting a minimum number of points.

Rather than creating its own standards, the LEED system document references existing third-party standards. Each LEED credit is structured with sections on Intent, Requirements, Submittals and Technologies & Strategies. The basic LEED document is supplemented with an extensive system of Letter Templates, a Reference Guide and Credit Interpretations.

Call us for more information regarding LEED® and concrete



Securing LEED® Points with Concrete		
Sustainable Sit	es (26 Points Available)	Points
SS Credit 2:	Development Density & Community Connectivity	5
SS Credit 3:	Brownfield Redevelopment	1
SS Credit 5.1:	Site Development: Protect or Restore Habitat	1
SS Credit 5.2:	Site Development: Maximize Open Space	1
SS Credit 6.1:	Stormwater Management: Quantity Control	1
SS Credit 6.2:	Stormwater Management: Quality Control	1
SS Credit 7.1:	Heat Island Effect: Non-Roof	1
SS Credit 7.2:	Heat Island Effect: Roof	1
Water Efficiency (10 Points Available)		
WE Credit 1.1:	Water Efficient Landscaping: Reduce by 50%	2
WE Credit 1.2:	Water Efficient Landscaping: No Potable Water Use or No Irrigation	n +2
WE Credit 2:	Innovative Wastewater Technologies	2
WE Credit 3:	Water Use Reduction	
	30% Reduction	2
	35% Reduction	+1
	40% Reduction	+1
Energy & Atmosphere (35 Points Available)		
EA Prerequisite	2: Minimum Energy Performance	required
EA Credit 1:	Optimize Energy Performance:	
	12–48% New Buildings or 8–44% Existing Buildings	1–19
Materials & Resources (14 Points Available)		
MR Credit 1.1	Building Reuse: Maintain Existing Walls, Floors & Roof	
	55% Building Reuse	1
	75% Building Reuse	+1
	95% Building Reuse	+1
MR Credit 2.1	Construction Waste Management, Divert 50% From Disposal	1
MR Credit 2.2	Construction Waste Management, Divert 75% From Disposal	+1
MR Credit 4.1	Recycled Content, 10% (post-consumer + ½ pre-consumer)	1
MR Credit 4.2	Recycled Content, 20% (post-consumer + ½ pre-consumer)	+1
MR Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactured Reg	ionally 1
MR Credit 5.2	Regional Materials, 20% Extracted, Processed & Manufactured Reg	ionally +1
Indoor Environ	mental Quality (15 Points Available)	
EQ Credit 8.1:	Daylight & Views: Daylight 75% of Spaces	1
EQ Credit 8.2:	Daylight & Views: Views for 90% of Spaces	1
Innovation and	Design Process (6 Points Available)	
ID Credit 1:	Innovation in Design	1–5
ID Credit 2:	LEED Accredited Professional	1
Regional Priority (4 Points Available)		
RP Credit 1:	Regional Priority Credit	1–4
Total		37–62
LEED 2009 Scoring System		
Certified	40	–49 points
Silver	50	-59 points
Gold	60	-79 points
Platinum		80+ points