



WORKING TOWARDS A GREENER FUTURE



WHAT IS LEED?

Leadership in Energy & Environmental Design (LEED) Green Building Rating System encourages and accelerates the adoption of sustainable greenbuilding and development practices through the creation and implementation of universally understood and accepted tools and performance criteria. LEED is a third party certification program and an internationally accepted benchmark for the design, construction and operation of high performance green buildings. It provides building owners and operators with the tools they need to have an immediate and measurable impact on their buildings performance. LEED promotes a whole-building approach to sustainability by recognizing performance in five key areas of human and environmental health. The 5 key areas are: sustainable site development, water efficiency, energy efficiency, materials selection, and indoor environmental air quality. Certification is based on the total point score achieved, following an independent review and audit of selected credit. The 4 levels of certification are Certified, Silver, Gold & Platinum

DuROCK Applicable LEED Products	PUCCS	InsulROCK	DuROCK	TIOCoat	Jewel Stone	Interior	
	EIFS	EIFS	DEFS	cool roof	Quartz	Finishes	
Sustainable Sites	Points	Points	Points	Points	Points	Points	
Credit 7.1 Heat Island Effect, Non-Roof					1		Jewel Stone is a concrete resurfacing product that
This credit is eligible if you use a product that will reduce areas that absorb and hold heat, such as roads, parking lots, walkways, courtyards, etc.							comes in a variety of colours, many of which comply with LEED requirement having a Solar Reflectance Index greater than 29.
Credit 7.2 Heat Island Reduction: Roof				1			
This credit is eligible if you reduce heat island (thermal gradient differences between developed and undeveloped areas) to minimize impacts on microclimates and human and wildlife habitat.							TIOCoat is a highly reflective white roof coating that complies with Energy Star requirements.
Energy & Atmosphere							
Prerequisite 2 Minimum Energy Performance							DuROCK EIFS will provide R-Values of up to R-22.
Credit 1 Optimize Energy Performance	10	10					these systems combined with our air and vapour barriers can reduce energy consumption by up to 40%.
This credit is eligible if you use a building design that improves the energy performance over the baseline rating. A percentage reduction in design energy costs of 64% (MNECB) or 60% (ASHRAE 90.1-1999) or more will earn 10 LEED points							EIFS increases energy performance of the building which improves indoor air quality.
Materials & Resources							
Credit 1.1 Building Reuse - 75%	1	1	1		1	1	Recoating an existing building with our acrylic and/or
Credit 1.2 Building Reuse - 95%	1	1	1		1	1	elastomeric coatings, or applying a new EIF System
This credit is eligible by promoting the reuse of the existing building structure, by extending its life by using materials that will insulate, repair and enhance while reducing environmental impacts.							over the building will provide protection and enhance the appearance and life expectancy.
Credit 2.1 Construction Waste Management - 50%	1	1	1		1	1	DuROCK products are packaged in recycleable
Credit 2.2 Construction Waste Management - 75%	1	1	1		1	1	pails, bags and totes and shipped on reusable skids.
This credit is eligible by minimizing construction, demolition and debris that goes to the land fill, and use packaging that can be recycled or reused.							
Credit 4.1 Recycled Content - 7.5%	1	1	1		1	1	DuROCK's underground water purification system
Credit 4.1 Recycled Content - 10%	1	1	1		1	1	
Credit 4.2 Recycled Content -15%	1	1	1		1	1	cleans and filters the waste water from the mixing tanks so the sand can be reused.
This credit is eligible if you promote the use of recycled materials that reduce the environmental impact from processing virgin materials							
Credit 5.1 Regional Materials - 10%	1	1	1		1	1	DuROCK's plant if fully automated, complete with 14
Credit 5.2 Regional Materials - 20%	1	1	1		1	1	silos and 7 liquid bulk storage tanks, we can hold millions of pounds of raw materials, which significantly reduces packaging, landfill and fuel consumption.
This credit is eligible when you use materials that for which at least 80% of the mass is extracted, processed or manufactured within 800 km (by truck) or 2400 km (by rail or water) of the project location, which reduces environmental impact caused by transportation.							
Indoor Environmental Quality							
Credit 4.2 Low Emitting Materials: Paints & Coatings	0	0	0		0	1	DuROCK coatings have less than 50g/l VOC
This credit is eligible by reducing indoor air contamination by using products with low VOC content.							content which meets LEED requirements.
Innovation in Design							
Credit 1.1 - 1.4 - Innovation in Design	1	1	1		1	1	DuROCK has patented systems and unique
These credits are eligible for exceptional performance over and above the LEED New Construction requirements, or for innovative performance in Green Building Categories that are not addressed by the LEED NC rating system.							products lines which have earned us a reputation for innovation in our industry.