



DURO-GUARD® ISO II

Product Environmental Profile

Duro-Guard ISO II insulation is a closed-cell polyisocyanurate foam core insulation board with an integrally laminated, fiber-reinforced facer which is compatible with Duro-Last® roof membranes.

Environmental Facts:



SUSTAINABLE MATERIALS

Manufactured with a blowing agent free of ozone depleting chemicals, CFCs and HCFCs.



RECYCLED CONTENT

Contains up to 28% post-consumer and 10% pre-consumer recycled content, depending on the foam thickness.



ENERGY EFFICIENT

Polyiso provides high thermal resistance per inch of material which helps promote energy savings.



GREEN CODES

Complies with California Title 24, IgCC, and efficiency programs requiring high R-values.

Thermal Values

Thickness		LTTR R-Value	Flute Spanability	
Inches	mm		Inches	mm
1.00	25	5.60	2.625	67
1.50	38	8.50	4.375	111
1.60	41	9.10	4.375	111
1.70	43	9.60	4.375	111
2.00	51	11.40	4.375	111
2.50	64	14.40	4.375	111
2.70	69	15.60	4.375	111
3.00	76	17.40	4.375	111
3.30	84	19.20	4.375	111
3.50	89	20.80	4.375	111
3.60	91	21.10	4.375	111
4.00	102	23.60	4.375	111

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Duro-Guard ISO II insulation can help buildings obtain credits under the U.S. Green Building Council’s LEED® (Leadership in Energy and Environmental Design) rating system, as well as GBI’s (Green Building Institute) Green Globes certification. Both programs promote sustainable building management and construction practices.

LEED® Contributions (LEED 2009)			
Program	Category	Credit	Contribution
LEED Design & Construction	Energy & Atmosphere	EAc1: Optimize energy performance	Polyiso provides high thermal resistance per inch of material which helps reduce energy consumption.
	Materials & Resources	MRc2: Construction waste management	The packaging materials used for Duro-Guard ISO are 100% recyclable.
	Materials & Resources	MRc4: Recycled content	Contains up to 28% post-consumer and 10% pre-consumer recycled content, depending on foam thickness.
	Materials & Resources	MRc5: Regional materials	Duro-Guard is manufactured in multiple locations around the United States to ensure the product is shipped from the location nearest to the project site.
LEED Operations & Maintenance	Energy & Atmosphere	EAc1: Optimize energy performance	Polyiso provides high thermal resistance per inch of material which helps reduce energy consumption.
	Materials & Resources	MRc3: Sustainable purchasing- facility alterations & additions	Duro-Guard is manufactured in multiple locations around the United States to ensure the product is shipped from the location nearest to the project site.

Green Globes® Contributions (version 2.2)			
Program	Category	Credit	Contribution
Green Globes New Construction	3.3.4 Building Opaque Envelope	3.3.4.1 Thermal resistance and transmittance	Duro-Guard ISO II insulation in thicknesses greater than 2.7 inches meets the minimum R-value criteria.
	3.5.7 Building Envelope – Roofing/ Openings	3.5.7.1 Roofing membrane assemblies and systems	Insulation is part of a properly installed roofing assembly.