

# What are EnviroGT™ Sustainable Products?

EnviroGT™ Sustainable Products from InPro include handrails, corner guards and wall guards uses100% post-industrial recycled high-density polyethylene (HDPE) and Forest Stewardship Council (FSC) certified wood. EnviroGT™ was named one of the 10 Best Green Building products in 2003 by BuildingGreen. Use of EnviroGT™ products is eligible for Leadership in Energy and Environmental Design (LEED) credit consideration by the U.S. Green Building Council (USGBC)



What is G2 Blend® with BioPolyPETG+™? InPro has pioneered a reformulated PETG (Polyethylene Terephthalate Glycol) blend that provides the durability your facility needs with the sustainability our Earth needs. PETG thermoplastic copolyester resin combines with a biopolymer blend to provide impact and chemical resistance with sustainable and rapidly renewable materials.

Proposed LEED 2012 Draft. The potential credit contribution of InPro products to the proposed LEED 2012 rating credits is the best, good-faith estimate based on the language contained in the LEED 2012 draft document published in November 2010.

## InPro Product LEED® Matrix

InPro Product/Material that	USGBC LEED Rating System							
may contribute to USGBC credit*	NC	EB	CI	CS	HC	SCH	Statements of content and composition	
G2 Blend® BioPolyPETG+™ material wall covering Patent Pending	MR 4 MR 6	MR 3	MR 4 MR 6	MR 4	MR 3 IEQ 4	IEQ 4.6 MR 4 MR 6	InPro's formula contains up to 20% pre-consumer recycled content and rapidly renewable biopolymer. <i>GREENGUARD certified to be low-emitting</i> .	
G2 Blend® BioPolyPETG+™ material profiles Patent Pending	MR 4 MR 6	MR 3	MR 4 MR 6	MR 4	MR 3 IEQ 4	MR 4 MR 6	InPro's formula contains up to 20% pre-consumer recycled content and rapidly renewable biopolymer. <i>GREENGUARD certified to be low-emitting</i> .	
IPC rigid vinyl wall covering CREENGUARD					IEQ 4	IEQ 4.6	IPC wall covering is GREENGUARD certified to be low-emitting.	
Rigid vinyl profiles					IEQ 4	IEQ 4.6	Rigid vinyl profiles are GREENGUARD certified to be low-emitting.	
BioPrism* Solid Surface	MR 6	MR 3	MR 6		IEQ 4 MR 3	IEQ 4.6 MR 6	InPro's formula contains rapidly renewable bio-content. BioPrism™ Solid Surface is GREENGUARD certified to be low-emitting.	
Aluminum components and guards	MR 4	MR 3	MR 4	MR 4	MR 3	MR4	Aluminum components and guards contain up to 94% pre-consumer recycled content.	
Cubicle curtain track	MR 4	MR 3	MR 4	MR 4	MR 3	MR4	Aluminum curtain track contains a minimum of 94% pre-consumer recycled content.	
Formatrac™ bendable track	MR 4	MR 3	MR 4	MR 4	MR 3	MR4	Aluminum component of the curtain track contains 99% recycled content (80% post-consumer and 19% pre-consumer)	
Sustainable Fabrics	MR 4	MR 3	MR 4	MR 4	MR 3	IEQ 4.6 MR 6	Boxy and New Leaf: 100% Eco Intelligent® Polyester; Cradle to Cradle and Alfresco, Courtyard, Mesa and Plaza: 52% Post-consumer Recycled Polyester; GREENGUARD certified.	
Bamboo products	MR 6	MR 3	MR 6	N/A	MR 3	MR6	Products contain 100% rapidly renewable bamboo.	
Stainless Steel products	MR 4	MR 3	MR 4	MR 4	MR 3		Stainless steel products contain a minimum of 75% post-consumer recycled content.	
Inner impact bumpers	MR 4	MR 3	MR 4	MR 4	MR 3	MR4	Inner impact bumpers contain 100% pre-consumer content.	
Photopolymer signs	MR 4	MR 3	MR 4	MR 4	MR 3	MR4	Clear PETG-GT base material and 3Form/Designer signs contain a minimum of 40% pre-consumer recycled resin.	
Expansion joint Systems	MR 4	MR 3	MR 4	MR 4	MR 3	MR4	Aluminum components contain a minimum of 94% pre-consumer recycled content.	
eiDOORS™ (select models)	IEQ 4.4 MR 4 MR 7	MR 3	IEQ 4.4 MR 4 MR 7	IEQ 4.4 MR 4	MR 3	IEQ 4.4 MR 4 MR 6 MR 7	Select models of eiDOORS contain recycled materials, Agrifiber and FSC wood. Composite wood, Agrifiber and adhesives contain no added urea formaldehyde.	
Rubber wall protection	MR 4	MR 3	MR 4	MR 4	MR 3	MR4	Rubber wall protection contains a minimum of 70% pre-consumer recycled content.	
Nu∙Tree™	MR 4	MR 3	MR 4	MR 4	MR 3	MR4	Nu-Tree HDPE lumber contains a minimum of 95% post-industrial content.	
Northern Hardwoods™ (FSC wood)	MR 7	MR 3	MR 7	MR 6	MR 3	MR7	Select models of Northern Hardwoods products contain FSC wood.	
Adhesives	IEQ 4.1	MR 3	IEQ 4.1	IEQ 4.1	IEQ 4	IEQ 4.1	Adhesives are low VOC	
Palladium 3D® Wall Systems	MR 4 <sup>†</sup>	MR 3 <sup>†</sup>	MR 4 <sup>†</sup>	MR 4 <sup>†</sup>	IEQ 4 MR 3	IEQ 4.4 IEQ 4.6 MR 4 MR 6 <sup>†</sup>	Vinyl and G2 Blend® are GREENGUARD certified to be low-emitting. MDF board contains no added urea formaldahyde. G2 Blend® contains up to 20% recycled content, and rapidly renewable biopolymer.	
Headboards	MR 4 <sup>†</sup>	MR 3 <sup>†</sup>	MR 4 <sup>†</sup>	MR 4 <sup>†</sup>	IEQ 4 MR 3	IEQ 4.4 IEQ 4.6 MR 4 MR 6 <sup>†</sup>	Vinyl and G2 Blend® are GREENGUARD certified to be low-emitting. MDF board contains no added urea formaldahyde. G2 Blend® contains up to 20% recycled content, and rapidly renewable biopolymer.	

<sup>&</sup>lt;sup>†</sup>For G2 Blend® \* LEED qualification is based on total material weight, percentage of applicable content and/or total cost for an entire project. NC – New Construction, EB – Existing Building, CI – Commercial Interiors, CS – Core and Shell, HC - Healthcare

LEED® for Commercial Interiors	
Sustainable Sites Water Efficiency Energy & Atmosphere Materials & Resources Indoor Envrionmental Quality	21 11 37 14 17
Innovation in Design Regional Priority	6 4
Total Possible Points**	110*

## **How are LEED Points Awarded?**

LEED points are awarded on a 100-point scale, and credits are weighted to reflect their potential environmental impacts. Additionally, 10 bonus credits are available, four of which address regionally specific environmental issues. A project must satisfy all prerequisites and earn a minimum number of points to be certified.

Learn more at USGBC.org

\*\* Out of a possible 100 points + 10 bonus points \*\* Certified 40+ points, Silver 50+ points, Gold 60+ points, Platinum 80+ points





# What is LEED®?

LEED, or **Leadership in Energy and Environmental Design**, is an internationally-recognized green building certification system. Developed by the U.S. Green Building Council (USGBC) in March 2000, LEED provides building owners and operators with a framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions.

## **LEED®** Credit Definitions

#### EB Existing Buildings

Performance standards for certifying the operations and maintenance of existing commercial or institutional buildings and high-rise residential buildings of all sizes, both public and private.

## New Construction

Performance standards for certifying the design and construction of commercial or institutional buildings and high-rise residential buildings of all sizes, both public and private.

## Commercial Interiors

Performance standards for certifying the design and construction of tenant spaces for office, restaurant, healthcare, hotel/resort and education buildings of all sizes, both public and private.

## Core & Shell

Performance standards for certifying the design and construction of commercial or institutional buildings and high-rise residential buildings of all sizes, both public and private.

## Healthcare

Performance standards for certifying healthcare facilities. The intent is to promote healthful, durable, affordable, and environmentally sound practices in building design and construction.

#### SCH Schools

Performance standards for certifying the design and construction of commercial or institutional buildings and high-rise residential buildings of all sizes, both public and private. The intent is to promote healthful, durable, affordable, and environmentally sound practices in building design and construction.

InPro products may contribute to LEED credit in the following areas: Materials and Resources (MR) Indoor Environmental Quality (IEQ)

# **LEED®** Rating Systems

## LEED - NC, CI, CS, HC & SCH Ratings

**MR Credit 4: Recycled Content (1–2 Points)** Use materials with recycled content such that the sum of post-consumer recycled content plus <sup>1</sup>/<sub>2</sub> of the pre-consumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project.

**MR Credit 6: Rapidly Renewable Materials (1 Point)** Use rapidly renewable building materials and products for 2.5% of the total value of all building materials and products used in the project, based on cost.

MR Credit 7: Certified Wood (1 Point) 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.

### IEQ Credit 4.1: Low-Emitting Materials—Adhesives and Sealants (1 Point)

Adhesives, Sealants and Sealant Primers must comply with South Coast Air Quality Management District (SCAQMD) Rule #1168. Volatile organic compound (VOC) limits listed correspond to an effective date of July 1, 2005 and rule amendment date of January 7, 2005.

**IEQ Credit 4.4: Low-Emitting Materials—Composite Wood and Agrifiber Products (1 Point)** Composite wood and agrifiber products used on the interior of the building (i.e., inside the weatherproofing system) 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.

**IEQ 4.6: Ceiling and Wall Systems (1 point)** All gypsum board, insulation, acoustical ceiling systems and wall coverings 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.

## **LEED – HC Ratings**

MR Credit 3: Sustainably Sourced Materials and Products (1 – 4 points) One point and up to a maximum of four will be awarded for each 10% of the total value of all building materials and products used in the project (based on cost) that meet the LEED Reference Guide criteria for:

- Recycled content OR -
- Rapidly renewable materials OR -
- Wood certified, in accordance with the Forest Stewardship Council's (FSC) Principles and Criteria.

### IEQ Credit 4: Low-Emitting Materials (1 – 4 Points)

### **GROUP 1: Interior Adhesives and Sealants**

All adhesives and sealants used on the interior of the building (i.e., inside of the weatherproofing system and applied on-site) must comply with the following requirements as applicable to the project scope1:

- Adhesives, Sealants and Sealant Primers must comply with South Coast Air Quality Management District (SCAQMD) Rule #1168. Volatile organic compound (VOC) limits listed in the table below correspond to an effective date of July 1, 2005 and rule amendment date of January 7, 2005.
- Aerosol Adhesives must comply with Green Seal Standard for Commercial Adhesives GS-36 requirements in effect on October 19, 2000.

### GROUP 2: Wall and Ceiling Finishes

Wall coverings shall comply with the testing and product requirements of the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers version 1.1 (CDPH/EHLB/M-500 Standard Method v1.1) modeled using the standard office building protocol parameters and certified as compliant by an independent third party.

## **LEED – EB Ratings**

MR Credit 3: Sustainable Purchasing—Facility Alterations & Additions (1 Point) Maintain a sustainable purchasing program covering materials for facility renovations, demolitions, refits and new construction additions. This applies only to base building elements permanently or semi-permanently attached to the building itself.



