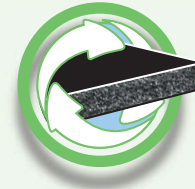


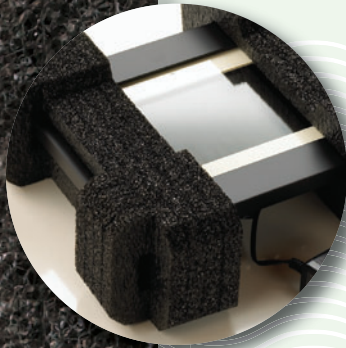


Pregis

Protective Packaging Solutions



**POLYPLANK®
RENEW™**
RECYCLED CONTENT
FOAM PLANK



POLYPLANK® RENEW™ VALUE PROPOSITION

PolyPlank Renew plank foam contains at least 60% and up to 100% recycled pre-consumer raw material content. While providing excellent protection against shock and vibration during transport, PolyPlank Renew foam plank is an environmentally sensible solution to today's waste and pollution concerns.

Features and Benefits:	Results:
Made with a minimum of 60% and up to 100% recycled pre-consumer content.	Promotes closed-loop recycling of post-industrial scrap. Addresses end-user environmental concerns with no loss in product performance and lessens dependence on virgin raw materials.
High impact strength, durable protection of products in storage and transit.	Excellent cushioning and energy absorption over broad load ranges; products remain in pristine condition.
Environmentally sensitive solution at no extra cost.	Customers receive the same quality products they are accustomed to, while positively impacting the environment.
Available in extruded and laminated options to fit a wide range of applications.	Customers can fit the right product type to a specific need. Pregis also partners with customers to create new and customized products.

CONTINUING TO PROTECT DURABLE AND FRAGILE PRODUCTS WHILE PROTECTING THE ENVIRONMENT

PolyPlank Renew is made from closed-cell polyethylene foam which is easy to fabricate, is resilient and provides excellent non-abrasive properties. Available in extruded and laminated options, Renew plank foam can be made up to 48 inches wide, in thicknesses ranging from 1/2 - 3 inches and equivalent to 1.5 pounds per cubic foot. Standard and custom lengths and densities are available upon request. Pregis also provides the benefit of partnering with customers to create new and customized products.

Fabricator	End-User	Environment
Expanded plank foam assortment that includes a sustainable solution.	Protective packaging that address end-customers and consumers' environmental concerns.	Use of sustainable packaging lessens depletion and dependence on petroleum-based resins.
Cost-effective sustainable packaging with versatile end-market applications.	Protective packaging made with renewed materials with no loss in performance.	Less dependence on virgin raw materials.
Differentiated product line containing foam plank alternative that is 100% recyclable.	Compliments internal and external corporate green initiatives and strategies.	Increased gains and benefits will be realized over time, as more people make a positive environmental contribution.



Think Sustainability. Think Pregis.™

PolyPlank Renew is an addition to the Pregis "green" family of products whose purpose is addressing the growing need for sustainable packaging alternatives. Environmentally responsible practices are an important part of Pregis' business philosophy.

PolyPlank® Renew EXT Typical Physical Properties

TEST	SPECIFICATIONS	UNITS	PREGIS 2.0 RECLAIM GREY
Density	N/A	PCF (lbs/cu.ft)	2.12
Cell Count	Cells/inch	MD CMD	28 25
Compressive Set	LT 25% % Not Recovered	2 Hrs 24 Hrs	16.26 10.09
Compression Strength ¹	psi @ 25% Deflection vertical Type I = 4-12 Type III = 13-20 Type IV = 21-50 Type V = 51-100	HORIZONTAL 25%	8.32
		HORIZONTAL 50%	15.34
		VERTICAL 25%	8.00
		VERTICAL 50%	15.36
		EXTRUDED 25%	8.58
		EXTRUDED 50%	15.71
Open Cell	No Dye Penetration	Pass/Fail	Pass
Thermal Stability ¹	% Dimensional Change LT 2.0% 24 HRS @ 1580F	CMD	1.34
		MD	1.51
		Thick	0.22
Compressive Creep ¹	LT 10%	% Deflection at 2.0 psi	2.88
Water Absorption ¹	LT 0.1	PSF	0.021
Contact Corrosivity	No etching or pitting	FED-STD-101C Method 3005	Pass
ESD Surface Resistance	LT 2.0 Between 10 ⁵ 10 ¹²	Seconds +5k -5k	N/A
		Ohms/sq.	N/A

PolyPlank® Renew LAM Typical Physical Properties

PROPERTY	UNITS	TEST METHOD	1.5 PCF
Type			
Density	PCF (lb/cu.ft)	ASTM D-3575 SUFFIX W	1.5
Cell Count	Cells/inch	ASTM D-3576	16-18
Compressive Strength ¹	lb/in2 25% 50%	ASTM D-3575 SUFFIX D	3.9 – 4.5
			8.9 – 11.5
Compressive Set ¹	% 24 Hrs.	ASTM D-3575 SUFFIX B	22
Compressive Creep ¹	%	ASTM D-3575 SUFFIX BB	26 @ 2 psi
Water Absorption ¹	lb/ft ²	ASTM D-3575 SUFFIX L	0.13
Thermal Stability ¹	%)	ASTM D-3575	<8
Service Temperature	°F		-30 to +180

¹ Typical properties not to be considered specifications.

Use PolyPlank Renew for all your products that require durable cushioning, blocking & bracing.

Market Segments Served:		End-Use Applications:			
Accounting	Electronic	Aircraft	Electronics	Furniture	Parts Separators
Aerospace	Furniture	Components	CPUs	Industrial Equipment	Photographic
Appliances	Medical	Appliances	Cushion Pallets	Industrial Parts	Radio Equipment
Automotive	Motors	ATMs	Dart and Target	Keyboards	Returnable Dunnage
Building	Ship Building	Automotive	Boards	Kick Boards	Seat Pads
	Recreational	Building Materials	Disc Drives	Marble Surfaces	Vending Machines
		Bumper Packs	Display Monitors	Marine Parts	Windshield Packs
		Case Inserts	Explosives Packaging	Medical Equipment	
		Consumer			

Contact Pregis protective packaging solutions:

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www.pregis.com

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