



POLYPLANK® RENEW™

AN ENVIRONMENTALLY SENSIBLE SOLUTION

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.

- Made with a minimum of 60% and up to 100% recycled pre-consumer content.
- Lessens dependence on virgin raw materials. Promotes closed-loop recycling of post-industrial scrap.
- Compliments internal and external corporate green initiatives and strategies.
- A typical 2 x 48 x 108" PolyPlank Renew plank saves 2 gallons of oil.
- Differentiated plank foam alternative that is 100% recyclable.

PROTECTS 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.
- Same high impact strength, excellent cushioning, energy absorption and durable protection during storage and transit that customers' are accustomed to receiving.
- Available in extruded and laminated options to fit a wide range of applications and to give customers the right plank foam type to meet a specific need.
- Up to 48 inches wide, in thicknesses ranging from 1/2 - 3 inches and equivalent to 1.7 pounds per cubic foot. Custom lengths and densities are available upon request.
- Pregis will partner with customers to create new and customized products.

Market Segments Served:		End-Use Applications:			
Accounting	Electronic	Aircraft	Consumer 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 Boards	Keyboards	Returnable Dunnage
Building	Ship Building	Automotive	Disc Drives	Kick Boards	Seat Pads
	Recreational	Building Materials	Display Monitors	Marble Surfaces	Vending Machines
		Bumper Packs	Explosives Packaging	Marine Parts	Windshield Packs
		Case Inserts		Medical Equipment	



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 EXT Engineered Plank foam

- Produced via an extrusion process which creates a uniform foam with excellent dimensional stability.
- Cushions against repeated impacts and can be engineered with anticipated performance.
- Performance Grade: Consistent high performance, extruded 1.8# or 2.2# product with 59136 approval.

PolyPlank® Renew™ EXT Typical Physical Properties				
TEST	SPECIFICATIONS	UNITS	2.0 pcf Renew EXT	
Density	N/A	PCF (lbs/cu.ft)	1.9 - 2.2	
Cell Count	Cells/inch	MD CMD	28 25	
Compressive Set	LT 25% % Not Recovered	2 Hrs 24 Hrs	16.26 10.09	
Compression Strength	psi @ 25% Deflection vertical Type I = 4-12 Type III = 13-20 Type IV = 21-50 Type V = 51-100	HORIZONTAL VERTICAL EXTRUDED	25% 50% 25% 50% 25% 50%	8.32 15.34 8.00 15.36 8.58 15.71
Open Cell	No Dye Penetration	Pass/Fail	Pass	
Water Absorption	LT 0.1	PSF	0.021	

PolyPlank LAM Engineered Plank foam

- PolyPlank is extruded in 1/2" thicknesses and laminated to create varied total thicknesses.
- Laminated foam provides maximum cushioning, excellent dimensional stability and an economical plank foam.
- Consistent 1.7# product spec meets stringent performance requirements.

PolyPlank® Renew LAM Typical Physical Properties			
Tests Performed	Units Measured	Method	Renew LAM
Density	Lb/cu.ft.	ASTM D3575 Suffix W, Method B	1.5 - 1.7
Cell Count	Cells/inch MD Cells/inch CMD	Internal Method	15 17
24 Hr Compression Set	Vertical % loss	ASTM D3575, Suffix B	18.4%
Die Cut Recovery	1Hr recovery % loss vertical 24Hr recovery % loss vertical	Internal Method	1.9% loss 98.1% recover 1.8% loss 98.2% recover
Water Absorption	Lb/sq.ft.	ASTM D3575, Suffix L	0.07
Compression Strength	Vertical psi @ 10% deflection Vertical psi @ 25% deflection Vertical psi @ 50% deflection	ASTM D3575 Suffix D, 2in/min	2.8 5.5 13.0

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