# **Engineered Foam for Fabrication**

Nonabrasive, shockproof cushioning protection



## PolyPlank<sup>®</sup> EXT Engineered Foam Plank

- · 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

Property	Test Method	Units		EXT180	EXT220	EXT400	EXT600	EXT900				
Type CID-AA-59136 <sup>1</sup>				Type I	Type I	Type III	Type IV	Туре V				
Compressive Strength <sup>1</sup>	ASTM D-3575 SUFFIX D	lb/in <sup>2</sup>	25%	4 - 8	5 - 10	13 - 20	26 - 30	46				
		lb/in <sup>2</sup>	50%	14	13 - 16	16 - 24	36 - 43	62 - 70				
Compressive Set <sup>1</sup>	ASTM D-3575 SUFFIX B	%	2hrs	21	22	22	24	24				
		%	24hrs	19	16	16	16	14				
Nominal Density	ASTM D-3575 SUFFIX W	lb/ft <sup>3</sup>		> 1.6	> 1.9	> 4.0	> 6.0	> 9.0				

Note: <sup>1</sup> Denotes properties specified in CID-AA59136, (Federal Specification PPP-C-1752D).

### PolyPlank Kase Foam Plank

- Closed cell polyethylene foam for high end, reusable storage and shipping cases
- Higher cell count significantly improves aesthetics and structural integrity, especially for designs with thin wall sections

### PolyPlank SFT Foam Plank

- Specially formulated to provide a "softer" polymer to reduce abrasion protecting "Class A" surfaces
- Unique foam die cuts and slices more easily than cross-linked foams and is generally more economical

### PolyPlank LEL Foam Plank

 Contains less than 10% LEL VOC meeting military and other low residual blowing agent specifications

Pregis manufactures quality extruded and laminated polyethylene foam plank to provide foam fabricators with endless design options.







#### **PolyPlank EXT Typical Properties**

# PolyPlank<sup>®</sup> LAM Engineered Foam Plank

- Extruded in varying thicknesses and laminated together for custom thickness or properties
- Laminated foam provides maximum cushioning, excellent dimensional stability and an economical foam plank

#### **PolyPlank LAM Typical Properties**

Property	Test Method	Units		LAM090	LAM120	LAM170	LAM220
Compressive Strength <sup>1</sup>	ASTM D-3575 SUFFIX D	lb/in <sup>2</sup>	25%	3.5 - 5	3.5 - 5	3 - 10	5 - 11
		lb/in <sup>2</sup>	50%	9 - 12	10 - 13	12 - 15	14 - 17
Compressive Set <sup>1</sup>	ASTM D-3575 SUFFIX B	%	2hrs				
		%	24hrs	12 - 22	12 - 22	10 - 25	12 - 25
Nominal Density		I	b/ft³	> 0.9	> 1.1	> 1.5	> 2.0

### PolyPlank Renew<sup>™</sup> Engineered Foam Plank

- Made with a minimum of 60% post industrial content
- Sustainable solution with no extra cost

### PolyPlank MDL<sup>™</sup> Multi-Density Laminated Foam

• Patented design combines a thin-gauge, high-density PE top-skin with a high-performance, low-density PE foam base for a uniquely designed custom solution

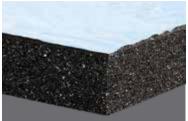
### PolyPlank Plus<sup>™</sup> Two-Step Protective Plank Foam

- Made by combining various substrates (foil, films, paper, nonwovens, scrim, etc) with thicker, multilayer foam to form a custom foam block
- Wide variety of substrates opens doors to innovative applications and new markets

The PolyPlank<sup>®</sup> family of products are available in standard and custom lengths. Widths range from 24" to 48", with thicknesses ranging from  $\frac{1}{2}$ " – 10", densities from 1 to 9 pounds per cubic foot.









### Products worth protecting deserve Pregis

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