

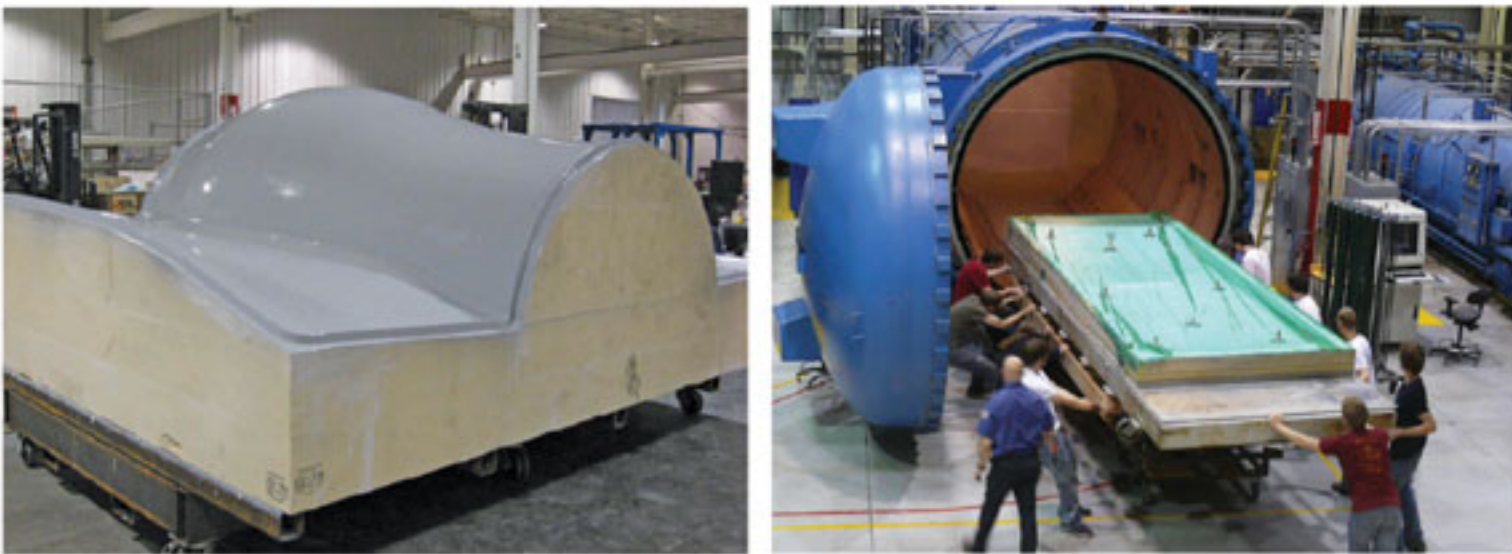
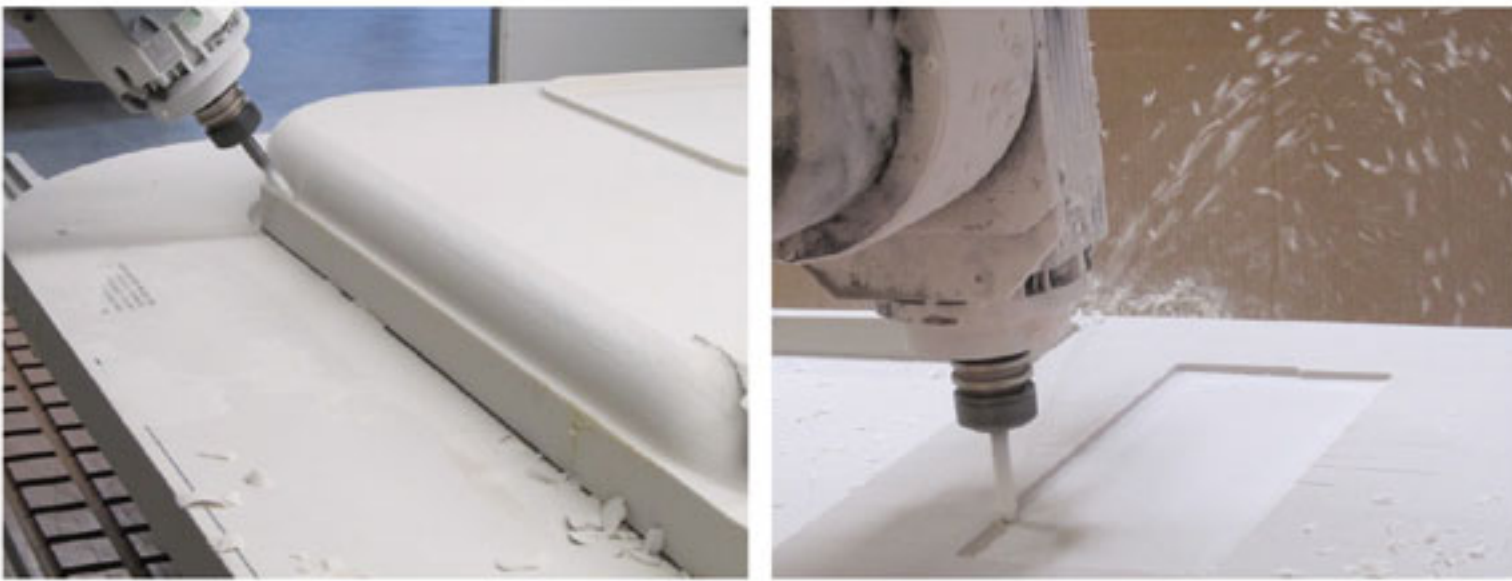


Precision Board

Polyurethane Tooling Board and Core Material



Automotive
Aerospace
Marine



Custom Tools built with Precision Board. Our in-house bonding service delivers custom bonded tooling blocks ready for machining. Any size, any shape.



Customization available; including step tools, bonded blocks and mandrels.

The tighter cell structure of the new Precision Board formulation has produced improved machining characteristics, resulting in more chips and less dust during cutting and machining, making for a better working environment. Higher machine feed rates are easily achieved compared to wood, epoxy or alloy substrates.

Ask for Precision Board by name to assure the following:

- Large sheet sizes up to 5' x 10'
- Any thickness you require (up to 24")
- Available in PBLT <200°F and PBHT <300°F
- 15 Densities
- Non-toxic and Certified Green
- Does not outgas
- Non-abrasive
- Meets FAR 25.853
- Technical Department Assistance
- In stock and ready to ship

Download the Precision Board mobile app or visit our website for machining speeds, feeds and chip loading information.



Coastal Enterprises offers a full line of Companion Products specifically designed for use with Precision Board. These include adhesives, primers and fillers.



800.734.2573 • sales@ValleyTool.net • ValleyTool.net
3040 N. Pointer Rd, Appleton, WI 54911

Why Precision Board Plus?

Both PBLT and PBHT are non-abrasive, do not outgas and will not adversely affect prepreg cure.

- Full time technical support
- Thicknesses up to 24" in sheets of 20"x60", 24"x60", 48"x60", 30"x80", 4'x8', 4'x10', 5'x8' and 5'x10'
- Custom in-house bonding of tooling blocks (any size or shape, large or small)
- Meets FAR 25.853. Written fire ratings and toxicological reports.
- Certified Green with a Carbon Balance of 3:1 and a Rapidly Renewable Resource Content of 23.9%
- Low CTE
- Fast turnaround on custom projects
- Used in both In Autoclave and OOA

Precision Board Plus Application Chart

- Precision Board Low Temperature - For up to 200°F usages
- Precision Board High Temperature - For up to 300°F usages

	Lower Densities							Higher Densities						
	4 lb.	6 lb.	8 lb.	10 lb.	12 lb.	15 lb.	18 lb.	20 lb.	30 lb.	40 lb.	48 lb.	60 lb.	70 lb.	75 lb.
Dimensional Signage (indoor)	■	■	■	■	■	■	■	■	■					
Dimensional Signage (outdoor)		■	■	■	■	■	■	■	■					
Landmark Signage				■	■	■	■							
Sculptures/Carvings	■	■	■	■	■	■	■	■	■					
Theme Park Creations/Caricatures	■	■	■	■	■	■	■	■	■					
Topographical and Architectural Models				■	■	■	■	■	■	■	■	■	■	■
Composite Layup Tools				■	■	■	■	■	■	■	■	■	■	■
Aerospace Layup Tools				■	■	■	■	■	■	■	■	■	■	■
Automotive Layup Tools				■	■	■	■	■	■	■	■	■	■	■
Foundry Patterns						■	■	■	■	■	■	■	■	■
Prototype Patterns						■	■	■	■	■	■	■	■	■
Vacuum Form Molds								■	■	■	■	■	■	■
Autoclave Tools								■	■	■	■	■	■	■

Usage Considerations:

- Impact/ Abrasion Resistance
- Strength (Compression, Tensile, Shear)
- Level of Edge Detail
- Machined Surface Finish Smoothness
- Weight
- Location of Signage
- Total Parts Pulled

The information in the chart above represents PBLT and PBHT densities most commonly used for a particular application. Because performance requirements for each specific project vary based on considerations such as, the need for impact and abrasion resistance; compression, shear and tensile strength required; degree of edge detail needed; level of surface smoothness required, and weight (among others), Coastal Enterprises is providing this information to serve only as a general guide. Please contact us. Our product experts will be happy to help you make the right product selection.

Download our mobile app: [Precision Board Mobile](#)



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