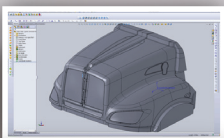


DMOC's Kenworth Truck
Hood Pattern**"Nice rig!"**

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There's a saying around Diversified Manufacturing of California, Inc.'s facility in Vista California. "You say it, we make it!" That's the kind of "can do" attitude Thane Rivers, Founder, President and CEO of DMOC has instilled in his highly accomplished team of designers, programmers and fabricators. They'll not only make it, but make it right.

Take the DMOC customer who produces body parts for Kenworth big rigs. They needed a highly precise mold to cast their FRP hoods from. The DMOC team created a 3D drawing to customer specifications with all the "hard points". Next, they mocked up the general shape of the model by bonding sheets of PBHT-20 Precision Board Plus and mounted the tooling block on their 5-axis milling machine.

Did You Know?

All Precision Board Plus densities possess excellent dimensional stability. The CTE for PBHT-20, the material used on the project above, is a very low 27x10-6 F, making Precision Board Plus an excellent choice as a tooling substrate when tight tolerances are required. For CTE specifications on other Precision Board Plus densities, see our product data sheets.

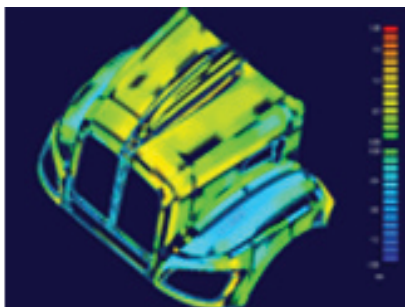
In addition, Precision Board Plus does not out-gas during the curing process, so it's ideal for layup tools and mold patterns.



From the CAD drawing to the 5-axis CNC



Inspection and finished pattern



After a few hours of machining, the completed part was "digitally" inspected using approximately 200 sample points. The result? A finished pattern that is within 1/10 of a millimeter at all points of the CAD drawing! Molds are then cast from this "validated" pattern, from which hundreds of Kenworth FRP hoods will be made and shipped around the world. And due to DMOC's careful process, not to mention the high degree of dimensional stability of Precision Board Plus, these parts are sure to fit properly every time.

PRECISION BOARD PLUS

Precision Matched for Your HDU Needs

Widest Range of Densities Available

4 through 60 pound densities all in stock, with custom densities on request.

Any Thickness You Require

From 1/4" to 24" and everything in between.

WIDEST VARIETY OF SHEET SIZES AVAILABLE

- 20"x60"
- 45"x60" **NEW**
- 5'x8'
- 24"x60"
- 4'x8'
- 5'x10'
- 30"x80"
- 4'x10'

**ALL IN STOCK AND
READY TO SHIP**

Interested in Having Your Company Featured in Our Newsletter?

You may have noticed we like to share interesting stories from our customers about their projects using Precision Board Plus. If you would like us to feature your company in one of these stories, we want to hear from you.

Here's what we're looking for:

- *In process photos working with Precision Board Plus*
- *Finished project photos*
- *Advice for those who are new to Precision Board Plus*
- *Tips for working with HDU*

Send us an e-mail at hdu@precisionboard.com along with any interesting details about the project.

These newsletters are sent to thousands of our customers and are a great way to build recognition for your company and share your expertise.

Certified Green

Precision Board Plus has been reformulated with eco-friendly, "Green" urethane components. The new Plus formulation has achieved a certified "Carbon Balance" of 3 to 1 and a "Rapidly Renewable Resource Content" of 18.9%. This major environmental improvement has also produced a tighter cell structure which results in more chips and less dust when cutting and machining.

Precision Board Plus now assists in meeting LEED requirements for obtaining USGBC and ICC 700 Building Credits.



Coastal Enterprises also offers a complete line of companion primers, adhesives and specialty coating products.



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