

INTRODUCTION OF PROVEN MARINE COMPOSITE PROCESS FOR THE COMMERCIAL VEHICLE MARKET

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ABSTRACT

At Commercial Vehicle Group, our drive for new and better processes and products never ends. One of our latest investments is in composite molding for interior and exterior trim components and systems. Through an exclusive agreement with VEC Technology LLC, CVG is applying a composite closed mold process which has been used extensively in the manufacture of recreational boats to the unique needs of the commercial vehicle/heavy duty truck industry.

The parts for heavy truck are very large in size while the part volumes are moderate and this situation presents interesting opportunities. Our molding process bridges the gap between the limitations of open-face molding and the higher costs associated with other forms of composite closed molding.

In this presentation I will show you our Composite Molding Process from Concept and Design to the Mix Plant to the Application of Gel and Barrier Coats to the Laying of the Fiberglass to Molding & Part Creation to finally Routing, Sanding, and Application of Additional Parts with Structural Adhesive to the Customer.