



# FORTRESS COMPOSITES

## DESIGN & MANUFACTURING

THE FORTRESS STRUCTURE BY EMBASSY IS THE SURE FOUNDATION  
OF OUR VEHICLE LINE. MADE WITH A SUPER-STRONG YET ULTRA-  
LIGHT PULTRUSION FIBERGLASS FRAMEWORK.





# THE FORTRESS BODY BY EMBASSY IS THE SURE FOUNDATION OF OUR VEHICLE LINE.

The Fortress™ body by Embassy® is made with a super-strong yet ultra-light pultrusion fiberglass framework. The Embassy Fortress body provides a larger, more expansive space for customization that will exceed all your expectations.

The superior lightweight design of the Fortress body eliminates the need for CDL drivers and increases overall fuel efficiency while maintaining the strength and structural integrity of steel.



## PULTRUSIONS

Fortress uses proprietary developed composite pultrusions in its construction process. No wood.

In comparison to metal and aluminum, pultrusions are much more lightweight (75% more lightweight than steel and 30% more lightweight than aluminum), which can make a tremendous difference in many industries including transportation, aerospace, sporting equipment and many others.



## HOW IT'S MADE

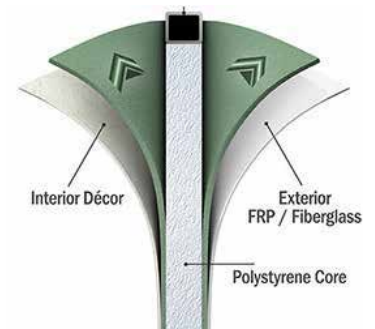


Fiberglass strands are woven together and PULLED through a die at high temp and pressure.

## TOP FEATURES of Exterior And Interior Wall Panels

- Repairability - Repaired the same as a fiberglass panel.
- Impact resistant - Withstands hail and other small objects.
- Never rusts - will not rot, rust, or deteriorate
- 18% lighter per foot on average.
- Technology can be used for constructing rooms, walls, and buildings.
- Sounds deadening walls
- Climate Controlled
- Thermal insulation - Lower transfer of heat or cold.
- Health - No formaldehyde and VOC's from composites and adhesives
- Food safe - Can be used for food transport or storage
- Good surface finish - 5 year UV stabilized. Excellent bond to sub panels and core.
- Low weight - This will give a higher cargo capacity
- Dimensional Stability - Stretch, wrap and swell-resistant over a wide range of temperatures and physical stresses
- Long life cycle - This material will look better for longer

## HI-STRENGTH



Extreme strength comes from both the pultrusion skeleton and the laminated structure.

[fortresscomposites.com](http://fortresscomposites.com)

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