



## FEATURES:

- Engineered to lie flat: Resistant to twisting, cupping, cracking, warping and delamination
- Tongue and groove greatly reduces need for sanding at joints
- 100% MDI resin for water resistance and anti-swell properties
- Superior yield due to minimal defects common in plywood
- Sanded 2 sides, free of patches, putty, and other imperfections such as knotholes or core voids
- CARB exempt- free of any urea-formaldehyde resins
- Meets or exceeds APA PS2 standards



ESP  
ENGINEERED STRUCTURAL PANEL

**READY TO BUILD A BETTER RV?**

CONTACT YOUR SALES REP OR EMAIL US AT

**INFO@UFPFACTORYBUILT.COM**

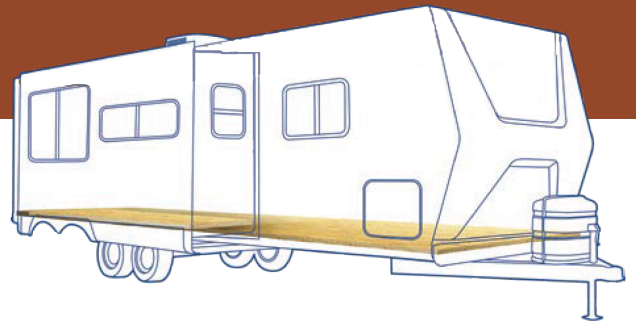


# ADVANTAGES

Travel and outdoor enthusiasts need RVs that can withstand the elements. Our deck panels are precision-engineered specifically for RVs to provide a stronger core, moisture resistance, and more stability for the long haul.

Our sanded 2 sides engineered panels afford the thickness tolerance requirement of components in the most precise applications. Our panels are manufactured with additional resins and wood to deliver extra strength and rigidity where needed. Our product line is manufactured in multiple locations across North America to help reduce customers' transport costs.

All products are CARB (California Air Resource Board) - exempt and free of any urea-formaldehyde resins.



## BENEFITS

ESP PLYWOOD OSB

Used in Cargo and RV trailers for years	✓	✓	✓
100% MDI Resin for water resistance	✓	✗	✗
Superior anti-swell properties	✓	✗	✗
Sanded two sides so panel remains flat	✓	✗	✗
Formulated for enhanced strength & density	✓	✗	✗
Superior screw-holding	✓	✗	✗
Uniform thickness	✓	✗	✗
One Year Limited Warranty	✓	✗	✗

### THICKNESS

5/8" Sanded 2-Sided

### LENGTHS

4'x8' 4'x102"

### WARRANTY

Limited Warranty

## TESTING DATA & COMPARISON

	Density (pcf)	Internal Bond (psi)	Parallel Bending Stiffness (EI parallel)	Perpendicular Bending Stiffness (EI Perpendicular)	Parallel Bending Strength (MM para)	Perpendicular Bending Strength (MM perp)	Thickness Swell (%)	Water Absorption (%)	#10 Screw Pull Through	#12 Screw Pull Through	#14 Screw Pull Through
ESP Engineered Structural Panel	40	118	374,978	195,819	6,166	4,425	4.9	13.9	665	852	1011
Standard OSB		38	263,961	88,326	1,735	1,735	16.1	49.3			
SYP Plywood Testing- (Published Data)	36	127	330,000	57,000	2450	850	8.8	45	415	470	525

Manufacturer Test results above represent a random sampling of product produced for Trailer applications - test results will vary from run to run and should not be considered minimum standards. OSB/Plywood numbers are from the APA and other published reports used for engineering values.