

# NEWS



Rapid information for our customer.

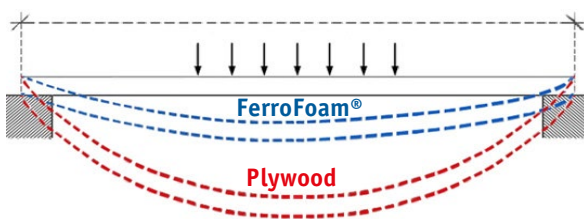
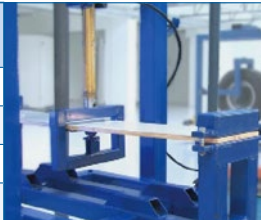
## Dry freight kits & panels: FerroFoam® !



Some customers order the same plywood body from you as all the years before. But rapidly rising diesel prices suggest lightweight composite or aluminium panels.

Honeycomb sandwich panels are not an alternative in terms of stability and ease of repair. In contrast, the **FerroFoam®-sandwich** (31 mm foam core with robust steel top layer) outperforms conventional solutions such as plywood.

Panel-Material	Wall thickness	Deflection	weight per m <sup>2</sup>
FerroFoam®	31 mm	30 mm	8,2 kg
Plywood	14 mm	196 mm	9,4 kg
Plywood	17 mm	99 mm	11,2 kg
Plywood	20 mm	95 mm	12,7 kg



Example constructions length x wide x height	Side/front wall		Weight advantage
	FerroFoam®	Plywood	
6.100 x 2.550 x 2.400 mm	31 / 31 mm	14 / 17 mm	53 kg
7.250 x 2.550 x 2.400 mm	31 / 31 mm	17 / 17 mm	120 kg
8.150 x 2.550 x 2.400 mm	31 / 31 mm	20 / 20 mm	200 kg
13.600 x 2.550 x 2.500 mm	31 / 31 mm	20 / 20 mm	285 kg

**FerroFoam® panels are lighter than plywood walls, and their deflection stiffness is significantly higher in each case.**

**FerroFoam® offers further advantages**, e.g. with regard to transport temperatures:

Two vehicles with iso-roofs and wooden floors are loaded with slightly cooled cargo with an intrinsic temperature of 7°C is loaded at an outside temperature of 35°C. In the Plywood body, **the temperature rises** by 5.1°C per hour, but **in the FerroFoam® superstructure** by only 2.4°C, i.e. by **less than half**. It is easy to calculate what this means for a transport time of 3 or 5 hours!

**FerroFoam® is ideal for professional load securing.**

For this purpose, you can get snap in tracks, lashing rails and airline rails flush with the surface recessed. This means that nothing protrudes and the loading space is not restricted compared to surface mounted rails.

Our kits with sandwich panels are also available on request with a

**certificate for body stability / load securing in accordance with DIN EN 12642-XL.**

The panels are also available in other wall thicknesses. In addition, the inside of the body can be provided with **a foil coating** for food transport or **needle felt** for furniture transport.



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