

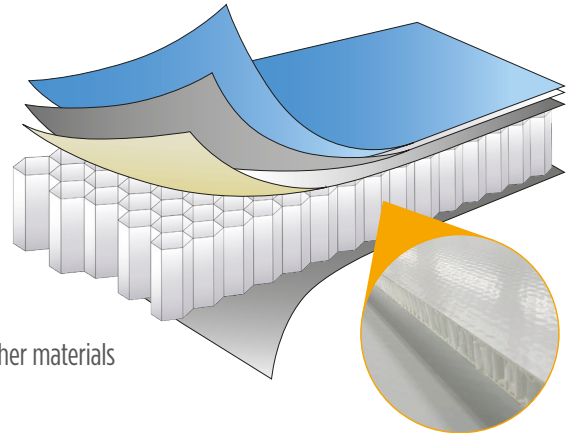
MONOLITE^{JP} Box body

up to 100 kg
more payload*

The new payload-optimised LIGHTSTAR[®] box body

thanks to market-standard weight-reduced PP honeycomb wall panels and/or special lightweight honeycomb flooring with a non-slip coating

PP honeycomb panels are high-quality body panels that have a fully fused polypropylene sandwich structure. The honeycomb core consists of PP with a glass-fibre-reinforced face sheet on each side. The PP honeycomb panels are resistant to UV light, water and various chemicals, such as oil and acetone. PP honeycomb panels have adequate insulation properties and are highly recyclable as the sandwich is made without the use of adhesives. They are easy to machine and deform thermally, and can be bonded, screwed or riveted to other materials (e.g. steel, aluminum).



Technical data:

- Weight at 14-mm wall thickness: approx. 3.90 kg/m² (with core weight of 80 kg/m³), 0.7-mm face sheet
- Weight at 25-mm wall thickness: approx. 4.78 kg/m² (with core weight of 80 kg/m³), 0.7-mm face sheet

Benefits:

- Significantly lower weight and higher payload than PET panels
- High mechanical load-bearing capacity
- Superior resistance to environmental factors
- High chemical resistance
- Eco-friendly thanks to its very high recyclability



Unladen weight of body (length 4400 mm) incl. substructure and rear doors

MONOFLOOR[®]

The extra-light cargo area floor for the LIGHTSTAR[®] box body

PP honeycomb panel with 1-mm glass-fibre-reinforced face sheet and non-slip cargo area floor coating

Technical data:

- Weight at 16-mm thickness: approx. 6,7 kg/m²
- up to 3,5 t permissible total weight
- Floor loading capacity 4.4 kN/m² (distributed loads)

Benefits:

- Significantly lower weight and higher payload than phenolic plywood panels
- High mechanical load-bearing capacity
- Superior resistance to environmental factors
- High chemical resistance
- Recyclable and therefore eco-friendly
- Also available with a smooth instead of non-slip coating

