



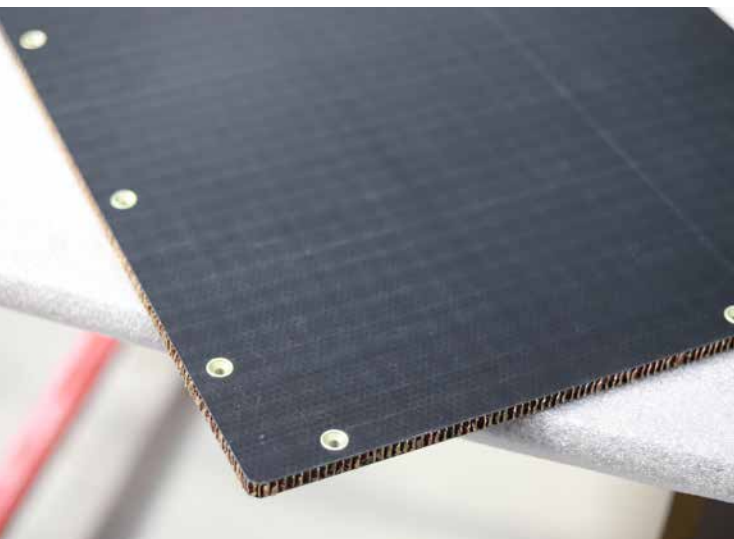
Floor Board Panel Product Data Sheet

JCB AERO
AN AMAC AEROSPACE COMPANY

One Panel that fits 95% of your aircraft cabin floor

JCB-FP-101-101-400 is a lightweight and high strength sandwich panel made from reinforced epoxy facing unidirectional carbon fiber.

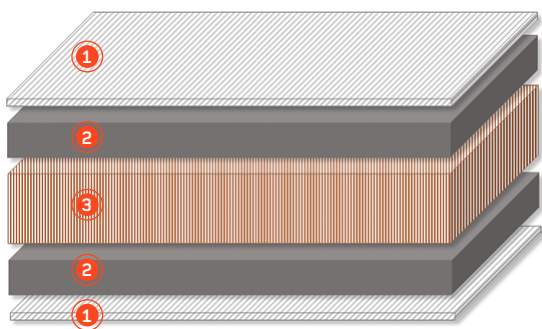
It is specifically designed for use as a structural panel in an aircraft. Lower compartments, galleys, floors and bulkheads are just some of its uses, where its light weight properties and rigidity are essential considerations. In this way, our panel can cover up to 95% of the aircraft cabin floor.



Innovative Panels

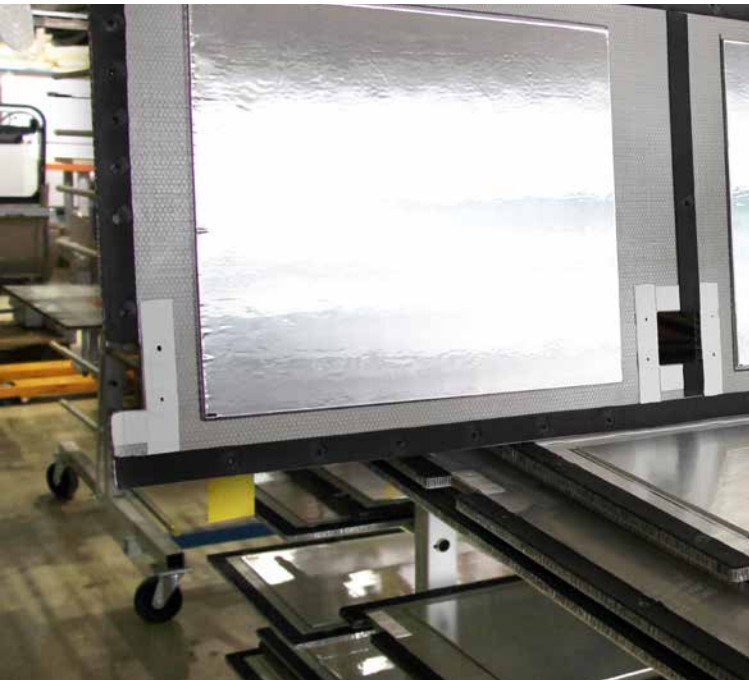
We produce our own lightweight and highly rigid panels, specifically designed for the interior floors of B737, B747 and B777 aircraft.

Our panels can be customized for sizes up to 96"x46" (2440x1180mm) and are available in different finishes such as Glass Overlay or Tedlar. They can be supplied as raw materials or finished products. They can also be adapted to customer requirements in terms of dimensions, potting, inserts and be tailor cut.



- ① **E-glass or Tedlar outlayer**
Corrosion protection
- ② **UniDirectional (UD) Carbon prepreg**
Mechanical properties
- ③ **Kevlar honeycomb core**
Transfer of load - shear and weight properties

- All floor boards meet FAR (Federal Aviation Regulation), passing FAR/CS (Certification Specification) part 25.853 fire tests
- Meeting all mechanical and qualification requirements, with in-house mechanical testing
- All floor boards include a Substantial Type Certificate (STC) from the European Aviation Safety Agency (EASA)
- Applicable to B737, B747 & B777 aircraft
- Multi-STC: EASA STC 1008165
- Compliance with regulatory standards
- Panel properties available on request



- Boeing Material Specification (BMS) Compliance: BMS4-17; BMS4-20; BMS4-23

COMPARISON OF JCB AERO PANEL WEIGHTS WITH BMS STANDARDS

- BMS4-17 Type I: +21%
- BMS4-17 Type II: **-2%**
- BMS4-17 Type III: **-21%**
- BMS4-17 Type VI: **-23%**

- BMS4-20 Type II: +8%
- BMS4-20 Type III: +37%
- BMS4-20 Type V: +8%

- BMS4-23 Type II: **-2%**





43°41'32"N 0°36'14"E

JCB Aero

Zone de l'aéroport Auch-Lamothe

Rue Jacqueline Auriol

32000 Auch, France

Telephone +33 5 62 07 71 71

Fax +33 5 62 07 35 84

info@jcbaero.com

www.jcbaero.com

