



PRODUCT DATA SHEET

Gillfab® 4321

DESCRIPTION

Gillfab® 4321 is a light weight sandwich panel made from unidirectional fiberglass reinforced epoxy facings bonded to meta-aramid honeycomb core for use on aircraft grade flooring applications.

APPLICATIONS

Aircraft flooring in the cargo compartment for aftermarket applications.

FEATURES

- Good impact strength
- FAR 25.855 – fire resistant



AVAILABILITY

Thickness, inch (mm)	0.496 (12.6)
Length and Width, inch (mm)	Maximum 144 (3663) 60 (1524)
Facing thickness, face/back, inch (mm)	0.054/0.022 (1.371/0.559)
Core density, pcf (kg/m ³)	6 (96.1)
Core cell size, inch (mm)	0.156 (3.96)



CONSTRUCTION

- Adhesive:** Epoxy film
Core: Meta-aramid
Facings Reinforcement: Unidirectional Fiberglass
Facings Resin System: Epoxy

ALTERNATIVE GILL PRODUCTS

TGC Product No.	Difference
Gillfab® 4223	A heavier weight, lower impact floor panel, BCC2
Gillfab® 4523	A heavier weight, lower impact floor panel, BCC3
Gillfab® 4623	A heavier weight, higher impact floor panel



HEALTH PRECAUTIONS

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. A SDS is available at <https://www.thegillcorp.com/msds.php>.

For industrial use only. Keep away from children. Additional information can be found at: www.thegillcorp.com. For sales and ordering information call 1-626-443-6094.

PERFORMANCE PROPERTIES, TYPICAL

The following data is in accordance with US Airways ENGR. No. 4-04 Rev 5.

TGC Part Number	Gillfab® 4321
Weight, psf (kg/m ²)	1.10 (5.37)
Warpage, in/ft (mm/m)	0.03 (2.5)
Long Beam Bending, lb (N)	684 (3042)
Impact Resistance in-lbs	324
Drum Peel, in-lb/3" width (N/76mm width)	30 (133) min
Flammability 12 s vertical self-extinguishing time (s)	15 max
Burning length (in)	8 max
Drip - Extinguishing time (s)	5

Figures shown reflect typical values and should not be used as design specifications.

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