

**Gillfab™ 4117 Panel**

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Description

Gillfab 4117 is a sandwich panel made with facings of fiberglass cloth reinforced epoxy laminate and aramid honeycomb core.

Applications

Used in commercial aircraft interiors and galley areas.

Features

- Lightweight, high strength construction.
- Good self-extinguishing characteristics.
- Good corrosion resistance.
- Service temperature range: -60F to 180F.

Specifications

- Embraer MEP - 15-017 Type I, III, IV, V, VI, VII, VIII.
- FAR 25.853, 60 second vertical flammability test.

Construction

Adhesive: Modified epoxy film.

Core: Aramid honeycomb, density per customer specifications.

Facings: Epoxy impregnated fiberglass cloth.

Availability

Thickness: As specified, .125" and up.

Size: Standard size is 48" x 144". Sizes up to 72" x 168" without splices in facings. Special sizes available on request.

Facings: Thickness starting at .01" in multiples of .005".

Core: 1/8" cell size. Density per customer specification.

Standard Tolerances

Thickness: +/- .010"

Length: -0, +0.5"

Width: -0, +0.5"

Warpage: <.004 L²/t where L = length (ft.) and t = thickness (in.)



Alternative Gill Products

Product Number	Difference
Gillfab 5071	Latest generation of light weight fiberglass reinforced/phenolic resin facings with low fire, smoke, and toxicity, high strength panels for aircraft interior applications, such as galley, lavatory, and closet walls. It meets all requirements of FAR 25.853.
Gillfab 5038	Unidirectional fiberglass facings, designed for floor panel applications.
Gillfab 4122A	Low smoke panel, with some sacrifice in strength (phenolic resin and adhesive).

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M.C. Gill Corporation
4056 Easy Street
El Monte, CA 91731-1087 USA
626-443-4022
info@mcgillcorp.com

M.C. Gill Europe Ltd. - Insoleq
23 Enterprise Road, Balloo Industrial Estate South
Bangor Co-Down BT19 7TA, Northern Ireland
+44 (0) 2891 470073 sales@insoleq.co.uk

www.mcgillcorp.com

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