

**Gillfab™ 4004B Panel**

August 1996

Description

Gillfab 4004B is a low smoke sandwich panel made from unidirectional reinforced phenolic facings bonded to aramid honeycomb core.

Applications

4004B is designed for use as flooring in the cargo areas of large commercial aircraft. It could be used as a low smoke, aircraft grade panel for galleys, flooring, and bulkheads.

Features

- High impact, corrosion resistant facing.
- Low smoke emission in a fire.
- Light weight.
- Service temperature range: to 180°F.

Specifications

- BAe specification MAT 006
- FAR 25.853 and 25.855. Fire resistance.

Construction

Adhesive:	Modified epoxy, fire resistant.
Core:	Type 1 - 1/8" cell, 9 pcf aramid honeycomb.; Type 2 - 1/8" cell, 5 pcf; Type 3 - 1/8" cell, 3 pcf honeycomb
Facings:	.015" unidirectional glass reinforced phenolic.

Availability

Thickness:	Per specification - .280", .405", .780"
Size:	Standard size is 48" x 144". Sizes up to 72" x 168" are available on special order.

Standard Tolerances

Thickness:	± .01"
Length:	+ 0.5", - 0"
Width:	+ 0.5", - 0"
Warpage:	.025 in/ft., max.



Alternative Gill Products

Product Number	Difference
Gillfab 4004	Has .015"/.015" facings.
Gillfab 4004A	Qualified to British Aerospace BAeR 3232..
Gillfab 4017T	Epoxy resin in facings makes 4017 higher in strength, but higher in smoke evolution.
Gillfab 4022	Non-flooring grade using woven E-glass facings.

M.C. Gill Corporation gives no warranties, expressed, implied or statutory, or otherwise, as to the description, quality, fitness, capacity, or any other matter, of the properties described. The data given represents minimum values to be expected. Through additional testing of each lot it is possible to verify that the product exceeds the tabulated values. It is recommended, however, that prospective users evaluate the materials to determine their suitability for the users' specific requirements. Values are given on the condition that the user assumes all risk and that responsibility for any loss or damage caused by or resulting from the use of such information is disclaimed by M.C. Gill Corporation.

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

© M.C. Gill Corporation. All rights reserved.

