



PRODUCT DATA SHEET

Gillfab® 4405A/B

DESCRIPTION

Gillfab® 4405A is a sandwich panel of fiberglass epoxy reinforced facing laminate bonded to a Gillcore® HD Nomex® honeycomb core. Gillfab® 4405B is identical to 4405A except a sheet of aluminum foil is bonded to the bottom facing.

APPLICATIONS

Flooring panel for use in passenger, cockpit and cargo compartments for Airbus Industry A300/ A300-600/A310 aircrafts. Where more stringent flammability requirement exist, 4405B is designed with the aluminum foil on the bottom facing.

FEATURES

- Corrosion resistant facings
- Low smoke density and toxicity
- Fire resistant
- Service temperature to 158°F (70°C)

AVAILABILITY

Thickness, inch (mm)	0.375 (9.5)
Length and Width, inch (mm)	Maximum 60 x 144 (1,524 x 3,658)
Facing thickness, face/back, inch (mm)	Type A 0.030/0.024 (0.762/0.610) Type B 0.030/0.025 (0.762/0.635)

CONSTRUCTION

Adhesive: Epoxy
Core: Nomex®
Facings Reinforcement: Fiberglass woven cloth
Facings Resin System: Epoxy

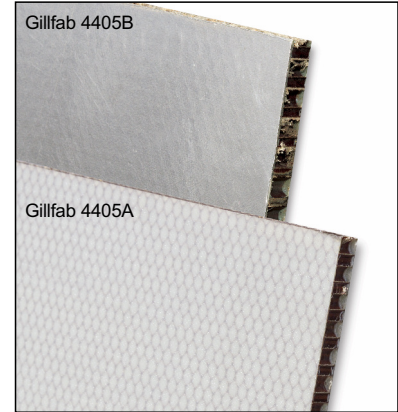
HEALTH PRECAUTIONS

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.

SPECIFICATIONS

- AI TL 53/5000/79, Issue 8, Annex A, Types 1 and 2 (PC3)
- FAR 25.853 - fire resistant





PERFORMANCE PROPERTIES, TYPICAL

The following tests are run in accordance with A1 5360 MIM000600 specification requirements.

TGC Part Number	4405-375
Weight, psf (kg/m ²)	0.785 (3.83)
Warpage, in/ft (mm/m)	0 (0)
Long Beam Bending, lbs (N)	454 (2,027)
Drum Peel, in-lbs/3" width (N/76 mm width)	69 (310)
Flammability	Meet requirements of FAR 25.853 Appendix F Part I para (a)(1)(i) & (a)(2)(ii)

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

All recommendations, statements, values and technical data herein are based on tests The Gill Corporation believes to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. Users shall rely on their own information and tests to determine suitability of the product for the intended use and assume all risks and liability resulting from their use of the product. The Gill Corporation's sole responsibility shall be to replace that portion of the product that proves to be defective. The Gill Corporation will not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements not contained in a written agreement signed by an officer of The Gill Corporation shall not be binding upon The Gill Corporation. Gillfab® and Gillcore® are registered trademarks of The Gill Corporation.