



DESCRIPTION

Gillfloor[®] 4017T is a light weight flooring panel made from unidirectional fiberglass reinforced epoxy facings bonded to meta-aramid honeycomb core.

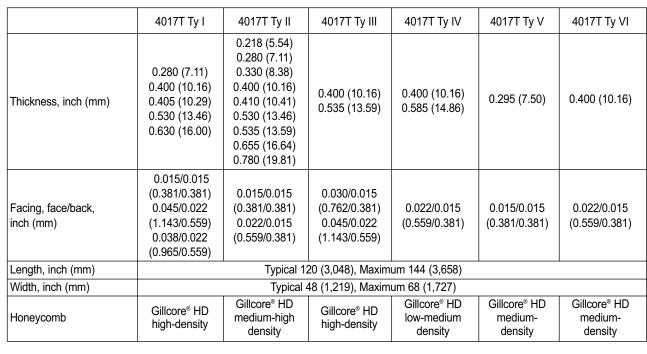
APPLICATIONS

Versatile flooring panels suitable for different areas in aircraft. Type I and VI are for cabin areas, such as aisles, entry ways or service doors. Type II is for light traffic areas, such as under seats and upper baggage bays. Type III, IV and V are for medium to high traffic areas, such as freighter aircraft, lower, forward and riser baggage bays.

FEATURES

- · Fatigue resistant
- · Corrosion and moisture resistant
- · High impact strength
- · High strength-to-weight ratio
- Low smoke generation
- Service temperature range: to 180°F (80°C)

AVAILABILITY



CONSTRUCTION

Adhesive:EpoxyCore:Meta-aramidFacings Reinforcement:Unidirectional glass fiberFacings Resin System:Epoxy

F203 - 9/21

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PRODUCT DATA SHEET







SPECIFICATIONS

- McDonnell Douglas specification BZZ 7002 Types 1 thru 3
- Embraer MEP 15-031
- BAe MAT 003
- FAR 25.853a fire resistance

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 tests are run in accordance with COMPS-028 & -022 specification requirements.

TGC Part Number	4017T Ty I	4017T Ty II	4017T Ty III	4017T Ty IV	4017T Ty V	4017T Ty VI
Panel Thickness, inch (mm)	0.400 (10.16)	0.400 (10.16)	0.535 (13.59)	0.535 (13.59)	0.295 (7.50)	0.400 (10.16)
Skin Thickness, inch (mm)	0.038/0.022 (0.965/0.559)	0.022/0.015 (0.559/0.381)	0.045/0.022 (1.143/0.559)	0.022/0.015 (0.559/0.381)	0.015/0.015 (0.381/0.381)	0.022/0.015 (0.559/0.381)
Weight, psf (kg/m²)	0.87 (4.25)	0.72 (3.52)	1.08 (5.27)	0.70 (3.42)	0.49 (2.39)	0.61 (2.98)
Long Beam Bending, lbs (N)	575 (2,558)	474 (2,108)	762 (3,390)	368 (1,637)	191 (850)	270 (1,201)
Deflection @ 100 lbs, inch (@ 445N, mm)	0.47 (11.94)	0.59 (14.99)	0.19 (4.83)	0.30 (7.62)	1.44 (36.58)	0.66 (16.76)
Drum Peel, in-lbs/3" width (N/76mm width)	60 (267)	62 (276)	52 (231)	53 (236)	52 (231)	56 (249)
Flammability	Meets FAR 25.853 Part I and III					

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

Updated: 12/01/19

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.