



PRODUCT DATA SHEET

Gillfloor® 5007C/5007D

DESCRIPTION

Gillfloor® 5007C and 5007D are cargo floor panels made with fiberglass reinforced polyester skin bonded to end-grain balsa core. The panels were developed for durability and high impact resistance for use in areas subjected to high volume traffic. Gillfloor® 5007C offers varieties in panel and facing thickness. Gillfloor® 5007D is a lighter, more economical alternative of 5007C.

APPLICATIONS

Gillfloor® 5007C and D are designed for use as flooring in cargo compartment and other high traffic areas.

FEATURES

- High impact resistance
• High abrasion resistant
• High peel strength
• Durable performance in cargo compartments
• Service temperature range: -65°F to 180°F (-54°C to 82°C)

AVAILABILITY

Table with 4 columns: Thickness, Length, Width, and Facings. It lists dimensions for Gillfloor® 5007C and Gillfloor® 5007D in both inches and millimeters.



Gillfloor® 5007C



CONSTRUCTION

- Core: Balsa wood
Facings Reinforcement: Fiberglass cloth with mat overlay
Facings Resin System: Polyester

SPECIFICATIONS

- Gillfloor® 5007C
• FAR 25.855 – 12 second vertical and 45° flammability requirements
• FAR 25.853 – 60 second vertical flammability requirement
Gillfloor® 5007D
• FAR 25.853 and 25.855: 60 and 12 second vertical burn test, and 45° tests



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 ASTM standard methods.

TGC Part Number		5007C	5007D
Facing, inch (mm)		045/025	065/022
Weight, psf (kg/m ²)		1.107 (5.40)	1.089 (5.32)
Thickness, in (mm)		0.400 (10.16)	0.391 (9.93)
Climbing Drum Peel ¹ , width, in-lbs/3 in (N-m/76mm)	Face	30 (3.41)	38 (4.31)
	Back	28 (3.15)	46 (5.21)
Long Beam Bending ² , lbs (N) / Deflection at 100 lbs, in (mm)	Length direction	501 (2,228) / 0.581 (14.8)	N/A
	Width direction	398 (1,770) / 0.701 (17.8)	441 (1,962) / 0.650 (16.5)
Impact Strength ³ , in-lbs (N-m)		82.3 (9.30)	93.4 (10.55)
Flatwise Compression ⁴ , psi (Mpa)		1,600 (11.4)	N/A
Panel Shear ² , lbs (N)	Length	693 (3,080)	590 (2,620)
	Width	685 (3,070)	646 (2,870)
Abrasion Resistance ⁵ , weight loss per grams (oz) / 1000 cycles		0.034 (0.0012)	N/A
Flammability		Meet FAR 25.853 App F Part I (a)(1)(i)	

¹ ASTM D 1681

² ASTM D 7249 (previously C 393)

³ ASTM D 5420, Gardner impact test

⁴ ASTM C 365

⁵ ASTM D 1242

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