



Gillfloor® 5007C

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



		Gillfloor [®] 5007C		Gillfloor [®] 5007D		
Thickness, inch (mm)		0.375 (9.52) 0.400 (10.16) 0.410 (10.41)	· · · ·	0.400 (10.16) 0.625 (15.88)		
Length, inch (mm)		Typical 144 (3,658), Maximum 168 (4,267)				
Width, inch (mm)		Typical 48 (1,219), Maximum 72 (1,829)				
Facings, inch (mm)	Face	0.025 (0.635) 0.040 (1.02) 0.045 (1.14)		0.065 (1.65) 0.085 (2.16)		
	Back	0.025 (0.635) 0.030 (0.762) 0.040 (1.02) 0.045 (1.14)		0.030 (0.76)		

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

F203 - 9/21

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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 ,	Face	30 (3.41)	38 (4.31)	
width, in-lbs/3 in (N-m/76mm)	Back	28 (3.15)	46 (5.21)	
Long Beam Bending ² , lbs (N) /	Length direction	501 (2,228) / 0.581 (14.8)	N/A	
Deflection at 100 lbs, in (mm)	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 Compression⁴, 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 Resistance⁵, weight los per grams (oz) / 1000 cycles	S	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.

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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.