



PRODUCT DATA SHEET



Gillfab® 4 is a light weight, high strength sandwich panel made with uni-directional carbon fiber reinforced epoxy facings bonded to Gillcore® HD meta-aramid honeycomb.

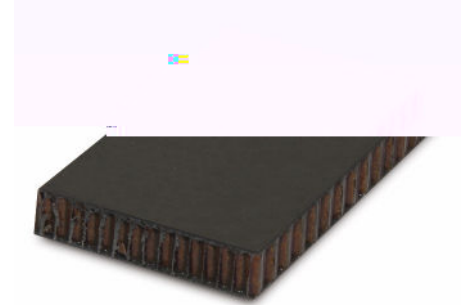
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The panel is designed for use as medium duty structural panels in aircraft, where light weight and rigidity are primary considerations, such as underseats, galleys, flooring, and bulkheads

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Light weight and high rigidity

Glass fiber overlay can be added





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The following tests are run in accordance with Embraer MEP , , based on based on Gillfab® 4 with (4 mm 4 mm) facings

Weight, psf (kg m)	(,)
Climbing Drum Peel, Face Bottom, in lbf width (N mm width)	36/36 (320/320)
Long Beam Flexure Strength, L, direction, lbf (N)	(,)
Deflection @ lbs, inch (@44 N, mm)	4 ()
Facing stress, ksi (Mpa)	(4)
Long Beam Flexure Strength, W, direction, lbf (N)	(,)
Deflection @ lbs, inch (@44 N, mm)	(,)
Facing stress, ksi (Mpa)	(,)
Short Beam flexure Strength, L, direction, lbf (N)	(,)
Core Shear Stress, psi (Mpa)	4 ()
Short Beam flexure Strength, W, direction, lbf (N)	(, 44)
Core Shear Stress, psi (Mpa)	(,)
Flatwise Compression, psi (Mpa)	(4)
Flammability	Meet requirements of FAR Appendix F Part I