

PRODUCT DATA SHEET

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Gillfab[®] 4 is a light weight, high strength sandwich panel made with unidirectional 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

Α

Light weight and high rigidity

Glass fiber overlay can be added ded e,pnWraioforWraiorq kppnW,aiorq kppnmoWwaiofoqT f iMimIV





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The	following	ests are run in accordance with Embraer MEP	,	, based on based on Gillfab $^{\scriptscriptstyle \otimes}$ 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

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