



FAA ALLOWABLE¹

NORBOND™ 220-0155-750

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|--------------------------------------|---|
| Upper Skin Material Thickness | Two Plies 7781 Style E-Glass / Epoxy Resin 0.020 inch |
| Lower Skin Material Thickness | Two Plies 7781 Style E-Glass / Epoxy Resin 0.020 inch |
| Core Material | Honeycomb - Fibrous Aramid/Phenolic Coated |
| Density | 1/8 inch cell size; 3.0 lb/ft ³ ; Aramid Fiber Paper |

| ² Panel Property | Test Results Value | | Failure Mode | Tested IAW | |
|---|--------------------------------|----------------|---------------------------|---------------------------|--------|
| Max Weight, lb/ft ² | 0.634 | | --- | --- | |
| Typical Weight, lb/ft ² | 0.592 | | --- | --- | |
| Thickness, inch | 0.750 ± 0.010 | | --- | ASTM C 366 | |
| ³ Warpage, inch | 0.025 max | | --- | --- | |
| Long Beam Flexure | A-Basis | B-Basis | Upper Skin Compression | ASTM C 393 ASTM D 7249 | |
| | "L" Direction Skin Stress, psi | 26,969 | | | 30,066 |
| | "L" Direction P/Y, lb/in | 459 | | | 512 |
| | "W" Direction Skin Stress, psi | 34,694 | | | 35,643 |
| | "W" Direction P/Y, lb/in | 312 | | | 336 |
| Short Beam Shear | | | Core Shear | ASTM C 393 | |
| | "L" Direction Stress, psi | 132 | | | 152 |
| | "W" Direction Stress, psi | 60.9 | | | 77.2 |
| Stabilized Core Compression, psi | 251 | 283 | Core Crush | ASTM C 365 | |
| Climbing Drum Peel, in-lb/3-inch width | Minimum | | Cohesive | ASTM D 1781 | |
| | 15 | | | | |

1/ 8110-3 available on request.

2/ Panel meets FAR 25.853a, 60 second vertical burn requirements.

3/ Panel warpage is measured as a maximum deviation from a straight line in a 4 foot span.

NOTICE: All data and statements concerning this product are based upon FAA witnessed testing by NORDAM under controlled conditions. This information, therefore, may be considered as being indicative of representative properties and characteristics obtainable. **This data has been FAA DER witnessed.** We make no warranty, expressed or implied, concerning its use, nor do we accept responsibility for any misapplications of this product, or its use under any conditions.