



FAA ALLOWABLE¹
NORLAM™ 610-10633-750

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| Upper Skin Material Thickness | 2024-T3 Aluminum Clad Per SAE QQ-A-250 0.020 inch |
| Lower Skin Material Thickness | 2024-T3 Aluminum Clad Per SAE QQ-A-250 0.020 inch |
| Core Material | 5052 Aluminum Core |
| Density | 3/16 inch cell size; 4.4 lb/ft ³ ; 0.0015 inch foil |

| ² Panel Property | Test Results Value | | Failure Mode | Tested IAW |
|---|----------------------|----------------|---------------------------|-------------|
| Max Weight, lb/ft ² | 1.089 | | --- | --- |
| Typical Weight, lb/ft ² | 0.962 | | --- | --- |
| Thickness, inch | 0.750 ± 0.010 | | --- | ASTM C 366 |
| ³ Warpage, inch | 0.025 max | | --- | --- |
| Long Beam Flexure "L" Direction Skin Stress, psi "L" Direction P/Y, lb/in "W" Direction Skin Stress, psi "W" Direction P/Y, lb/in | A-Basis | B-Basis | Upper Skin Compression | ASTM D 7249 |
| | 51,679 | 56,988 | | |
| | 654 | 867 | | |
| | 44,264 | 49,036 | | |
| | 883 | 973 | | |
| Short Beam Shear "L" Direction Stress, psi "W" Direction Stress, psi | | | Core Shear | ASTM C 393 |
| | 236 | 286 | | |
| | 134 | 158 | | |
| Stabilized Core Compression, psi | 317 | 380 | Core Crush | ASTM C 365 |
| Climbing Drum Peel, in-lb/3-inch width | Minimum 32 | | Cohesive | ASTM D 1781 |

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.

