

DURATRIM[®] 1936

Description: DURATRIM[®] 1936 utilizes a woven fiberglass as the reinforcement for a new high-temperature, flame resistant, and flexible polymer coating. This combination of materials enables DURATRIM[®] 1936 to achieve excellent dimensional stability, flame resistance, and a high strength-to-weight ratio. This product offers improved flame penetration resistance and fire protection to underlying materials.

Applications: DURATRIM[®] 1936 can be used for aircraft insulation blankets, sound attenuation blankets, and headliners.

Compliance: DURATRIM[®] 1936 is REACH compliant and Deca-BDE free. DURATRIM[®] 1936 is tested in the Radiant Panel Test Chamber which conforms to 14 CFR Part 25 Appendix F Part VI.

TYPICAL PHYSICAL PROPERTIES

Test and Methods	Imperial		Metric	
	Result	Unit	Result	Unit
Weight FSTM191.5041	4.10 ± 0.50	oz./yd ²	0.14 ± 0.02	kg/m ²
Thickness FSTM191.5030	0.0044 ± 0.0001	inches	0.1118 ± 0.0025	mm
Radiant Panel FAR 25.856(a)	---	---	---	---
Flame Propagation	< 2	inches	< 50.8	mm
After Flame	< 3	seconds	< 3	seconds
Tensile – Grab (MD/CD) FSTM191.5100	219 / 181 ± 22	lbs.	974 / 805 ± 98	N
Tear – Trap (MD/CD) ASTM D1117	24 / 21 ± 2	lbs.	107 / 93 ± 9	N
Shelf Life	1 Year from manufacture date to fabrication			

The information contained in this technical data bulletin is believed to be true and accurate. The typical physical properties are from historical testing and should not be considered a specification. This information is to be used only as a guide. It is the responsibility of the end user to determine the suitability of our products for each specific application.

03.01.17 JB