

DURASONIC[®] 56XX SERIES

Description: DURASONIC[®] 56XX SERIES offers a choice of four highly durable, mass loaded sound barrier materials that are specifically formulated for flame resistant, sound mitigation applications.

Applications: DURASONIC[®] 56XX SERIES combines the noise abatement properties of our DURASONIC[®] line with the high temperature, flame resistant properties of our DURATRIM[®]. Our latest generation (DURASONIC[®] 5310XX Series) provides improved workability during fabrication.

Compliance: DURASONIC[®] 56XX SERIES is REACH compliant, DECA-BDE free, and can be certified to Boeing specification BMS 8-374D.

PHYSICAL PROPERTIES

Test and Methods	5622		5633		5644		5666	
	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric
Weight FSTM191.5041	20.0 ± 2 oz./yd ²	0.7 ± 0.07 kg/m ²	30.0 ± 2 oz./yd ²	1.0 ± 0.07 kg/m ²	40.0 ± 3 oz./yd ²	1.4 ± 0.1 kg/m ²	60.0 ± 3 oz./yd ²	2.0 ± 0.1 kg/m ²
Thickness FSTM191.5030	≤ 0.022 in.	≤ 0.559 mm	≤ 0.029 in.	≤ 0.737 mm	≤ 0.036 in.	≤ 0.914 mm	≤ 0.060 in.	≤ 1.524 mm
Radiant Panel FAR 25.856(a)	---	---	---	---	---	---	---	---
After Flame	< 3 sec	< 3 sec	< 3 sec	< 3 sec	< 3 sec	< 3 sec	< 3 sec	< 3 sec
Flame Propagation	< 2 in.	< 50.8 mm	< 2 in.	< 50.8 mm	< 2 in.	< 50.8 mm	< 2 in.	< 50.8 mm
Grab Tensile (MD/CD) FSTM191.5100	> 110 lbs.	> 489 N	> 110 lbs.	> 489 N	> 110 lbs.	> 489 N	> 110 lbs.	> 489 N
Trap Tear (MD/CD) ASTM D1117	> 5 lbs.	> 22 N	> 5 lbs.	> 22 N	> 5 lbs.	> 22 N	> 100 lbs.	> 445 N
BMS 8-374D	TY II CL 1 & 2		TY III CL 1 & 2		TY IV CL 1 & 2		TY I CL 1 & 2	

NOTE: The information provided is the best currently available and has been obtained by prevailing test methods. It is true and accurate to the best of our knowledge at this time. The information is provided as guidelines, should not be considered as specifications and is subject to revision as additional knowledge and experience on this product are gained. It is the responsibility of the end user to determine the suitability of our products for their particular application. 03.01.17 JB

