



General Properties of acoustical inserts

Composite Density:*	2.5 pcf to 6.0 pcf	40 kg/m ³ to 96.1 kg/m ³
Available Thicknesses:*	0.25" to 0.625" (5/8")	6mm to 16mm
Facer:	Dura-Glass Mat	
Width Combination:	48"– 72"	1219 mm to 1829 mm

Acoustical Performance

Type "A" Mounting Sound Absorption Coefficients*

Density		Thicknesses		Frequency (Hz)						
pcf	kg/m ³	inches	mm	125	250	500	1000	2000	4000	NRC**
2.5	40.0	0.55	14	0.00	0.15	0.32	0.53	0.70	0.85	0.45
3.0	48.1	0.50	13	0.03	0.08	0.26	0.55	0.75	0.92	0.40
4.2	67.3	0.30	7.6	0.02	0.05	0.13	0.30	0.47	0.62	0.25
4.75	76.1	0.5625	14	0.04	0.06	0.26	0.61	0.85	1.00	0.45
5.5	88.1	0.46	11.7	0.00	0.07	0.21	0.51	0.77	0.90	0.40
6.0	96.1	0.25	6.4	0.00	0.02	0.09	0.27	0.52	0.73	0.25

*Tested in accordance with ASTM C 423 and ASTM E 795

**Noise Reduction Coefficient

Specifications

■ Temperature Limit:

250° F (121° C)

■ Fire Hazard Classification:

25/50 (per ASTM E 84 and UL 723 and CAN/ULC S102-M88). Labels supplied when requested on order.

■ Facings:

Dura-Glass® fiber glass mat

888.817.9881

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