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Acoustical Performance Table

Walls	Finish	Panel	ASTM C423	Frequency (HZ)						NRC
		Thickness	Type	125	250	500	1000	2000	4000	
AP Acoustical Panels	Fabric	3/4"	A	0.10	0.19	0.57	0.97	1.1	1.02	0.70
	Fabric	1"	A	0.05	0.33	0.90	1.05	1.13	1.03	0.85
	Fabric	1-1/2"	A	0.24	071	1.10	1.15	1.22	1.08	1.05
	Fabric	2"	A	0.33	0.71	1.23	1.29	1.18	1.24	1.10
	Fabric	3"	A	0.58	1.16	1.16	1.25	1.23	1.12	1.20
	Fabric	4"	A	0.76	1.16	1.24	1.33	1.08	1.16	1.25
HIR 1 - High Impact Resistant Panels	Fabric	1-1/8"	A	0.09	0.50	0.99	1.13	1.08	0.96	0.95
	Fabric	1-5/8"	A	0.23	0.64	1.16	1.16	1.14	1.02	1.05
	Fabric	2-1/8"	A	0.32	0.91	1.09	1.14	1.02	0.98	1.05
HIR 2 - High Impact Resilient Panels	Fabric	1-1/16"	A	0.05	0.33	0.90	1.05	1.09	1.03	0.85
	Fabric	2-1/16"	A	0.33	0.71	1.23	1.29	1.22	1.24	1.10
HIR 3 - Super High Impact Resistant Panels	Fabric	1-1/16"	A	0.12	0.39	0.91	1.03	0.99	0.99	0.85
	Fabric	2-1/16"	A	0.33	0.71	1.23	1.29	1.22	1.24	1.10

The airspace behind the panel is filled with low density fiberglass insulation

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Acoustical Performance Table

Walls	Finish	Panel	ASTM C423	Frequency (HZ)						NRC
		Thickness	Type	125	250	500	1000	2000	4000	
HIR 4 - Extreme High Impact Resistant Panels	Fabric	1-1/16"	A	0.12	0.39	0.91	1.03	0.99	0.99	0.85
	Fabric	2-1/16"	A	0.33	0.71	1.23	1.29	1.22	1.24	1.10
LFT - Tuner Panels	Fabric	2"	A	0.67	0.62	0.56	0.39	0.33	0.14	0.50
RSP - Reflective Panels	Euromat	1"	A	0.21	0.14	0.19	0.14	0.24	0.29	0.20
CS 1 - AIRSPACE Panels	Fabric	2"	A	0.05	0.43	1.01	1.19	1.12	1.09	0.95
	Fabric	2" •	A	0.19	0.77	1.09	1.18	1.15	1.11	1.05
	Fabric	4"	A	0.56	1.17	1.30	1.28	1.18	1.13	1.25
	Fabric	4" •	A	0.79	1.13	1.29	1.27	1.17	1.19	1.25
CS 3 - SKINS	Fabric	3/16"	A	0.02	0.03	0.22	0.51	0.62	0.34	0.35

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