

TECTUM® I Sound Absorption Coefficients

Acoustical Performance

Tectum® I Roof Deck Panels	125	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	4000	NRC	SAA	Mounting	Test Report
1-1/2"	.07	.22	.22	.28	.29	.48	.51	.70	.82	.92	.77	.64	.59	.96	.55	.54	A	RAL-A86-42
2"	.15	.24	.26	.33	.44	.62	.71	.91	.94	.87	.70	.64	.74	.92	.60	.62	A	RAL-A86-41
2-1/2"	.20	.26	.31	.45	.56	.72	.91	.98	.84	.74	.72	.77	1.00	.90	.65	.69	A	RAL-A91-209
3"	.21	.35	.41	.58	.73	1.00	1.08	.92	.75	.68	.83	1.00	.92	.97	.80	.77	A	RAL-A91-205

Contact Armstrong® Techline for test report data—techline@armstrongceilings.com

Note on single number ratings: The Sound Absorption Average (SAA) is calculated as the arithmetic average of all absorption coefficients from 200–2500 Hz., inclusive.

The Noise Reduction Coefficient (NRC) is calculated as the arithmetic average (rounded to the nearest 0.05) of the absorption coefficients in the shaded bands only (250, 500, 1000 & 2000 Hz).

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