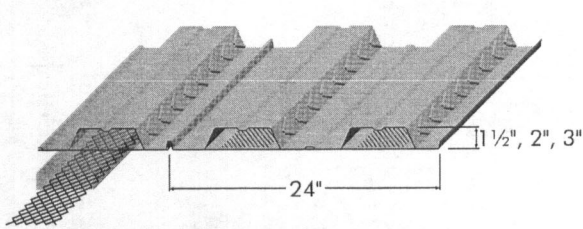
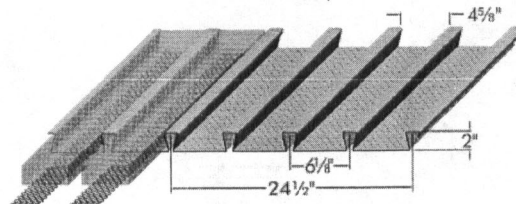


Consolidated Systems manufactures a complete product line of acoustical decks to satisfy your needs. Acoustical decks are available in most roof deck profiles and many cellular roof and floor deck products. The acoustical deck system provides an efficient structural deck to satisfy the load requirements and an aesthetically pleasing acoustical ceiling. The perforated steel deck comes with field installed glass fiber insulation creating a finished exposed ceiling with a functional sound absorbing system. Acoustical deck systems are economical for schools, churches, gymnasiums, theaters, convention centers and manufacturing facilities.

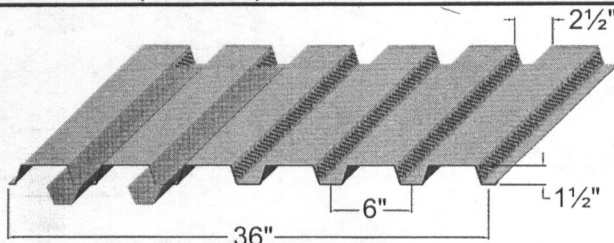
Deck Profile	Roof Insulation thick x type	Deck Insulation high x wide x pcf	ABSORPTION COEFFICIENT						NRC
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	
CFDCA-2	-	1.5 x 5.25 x 4.5	0.56	0.62	0.90	0.91	0.77	0.59	0.80
CFDCA-3	-	2 x 5.5 x 4.5	0.67	0.74	1.05	0.94	0.75	0.52	0.85
VersaDek	2" x rigid	1.5 x 4.75 x 1.5	0.57	1.32	1.22	1.04	0.87	0.71	1.10
VersaDek	2" x rigid	2 x 4.5 x 3	0.16	0.51	1.12	1.14	0.94	0.81	0.95
VersaDek	2" x rigid	2 x 4.75 x 3	0.82	1.32	1.24	1.12	0.94	0.81	1.15
VersaDek	3" Dow 60psi Plazal	2x4.75x3, bagged	0.26	0.83	1.15	1.02	0.95	0.79	1.00
BA	1" x rigid	1.5 x 2 x .75	0.23	0.72	1.12	0.92	0.54	0.26	0.85
BA	2" x rigid	1.5 x 2 x .75	0.44	0.98	1.12	0.95	0.54	0.24	0.90
BCA	2" x rigid	1 x 3.5 x 2	0.39	0.47	0.63	0.84	0.79	0.48	0.70
NA	2" x rigid	2.5 x 4 x .75	0.61	1.01	1.01	0.87	0.49	0.27	0.85
NCA	2" x rigid	2 x 5.25 x 2	0.44	0.71	0.97	0.91	0.74	0.59	0.85
DA-4.5	2" x rigid	4 x 2 x 1.5	0.71	0.79	0.93	0.72	0.44	0.39	0.70
DCA-4.5	2" x rigid	3 x 8.5 x 1.5	0.74	1.11	1.12	0.93	0.81	0.62	1.00



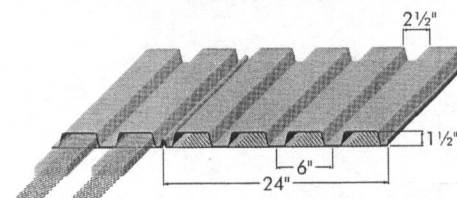
CFDCA1.5, CFDCA2, CFDCA3 Cellular Acoustic



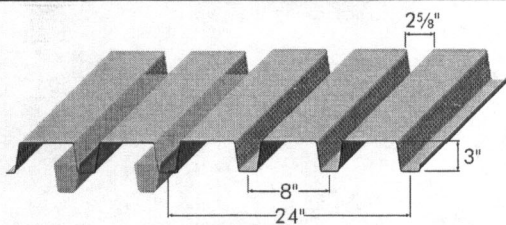
Versa-Dek Acoustical



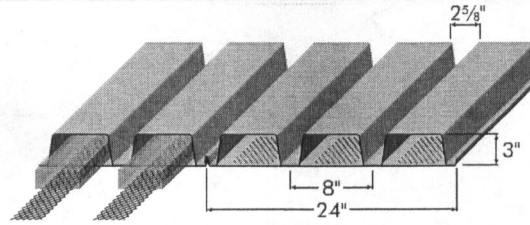
BA Acoustical



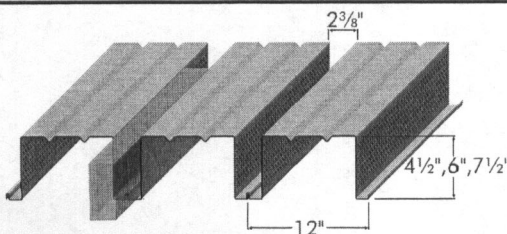
BCA Cellular Acoustical



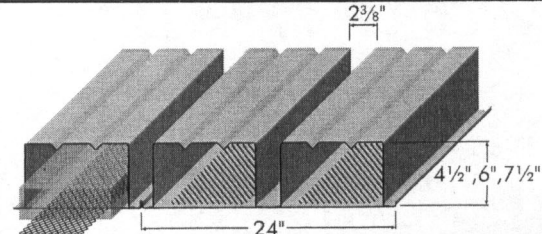
NA Acoustical



NCA Cellular Acoustical



DA4.5, DA6, DA7.5 Acoustical



DCA4.5, DCA6, DCA7.5 Cellular Acoustical

1. Table values are based on tests performed by Riverbank Acoustical Laboratories in accordance with ANSI/ASTM C423 and E795.
2. Acoustical perforations in the vertical webs of the deck will reduce vertical and horizontal (diaphragm) loads by approximately 5%.
3. The blue color is for reference only; most acoustical batts are yellow.
4. Contact CSI for other assemblies and products not listed or shown above.

ROOF