

Thermafiber® NRC Data

+ TESTING PER ASTM C 423

+ NRC- ABSORPTION
COEFFICIENTS
1/3 OCT. BAND
CENTER FREQ. Hz

Mounting Method: A SAMPLE	125*	250	500	1000	2000	4000*	NRC
2.5 pcf density							
2 in.	0.34	0.61	1.07	1.09	1.07	1.10	0.95
3 in.	0.51	0.99	1.18	1.03	0.99	0.96	1.05
4 in.	0.83	1.19	1.27	1.12	1.12	1.13	1.20
6 in.	1.37	1.32	1.23	1.16	1.12	1.12	1.20
8 in.	1.36	1.25	1.27	1.20	1.17	1.23	1.20
4.0 pcf density							
2 in.	0.33	0.71	1.13	1.15	1.08	1.09	1.00
4 in.	1.01	1.26	1.23	1.13	1.11	1.09	1.20
6 in.	1.35	1.17	1.20	1.13	1.06	1.10	1.15
8 in.	1.34	1.21	1.21	1.14	1.12	1.09	1.15
6.0 pcf density							
2 in.	0.36	0.79	1.15	1.04	1.01	1.04	1.00
4 in.	1.15	1.17	1.18	1.03	1.06	1.08	1.10
6 in.	1.18	1.01	1.11	1.03	1.06	1.10	1.05
8 in.	1.13	1.11	1.13	1.01	1.06	1.07	1.10
8.0 pcf density							
2 in.	0.35	0.84	1.08	1.04	0.96	0.93	1.00
4 in.	0.49	1.11	1.11	1.14	0.97	0.64	1.10
6 in.	0.61	1.19	1.19	1.10	1.03	0.86	1.15
8 in.	0.75	1.35	1.26	1.19	1.15	1.17	1.25

*Accuracy of value may be affected by deficiencies in reverberation chamber.

