



An entirely new kind of acoustic panel

ASTM C423–Sound Absorption

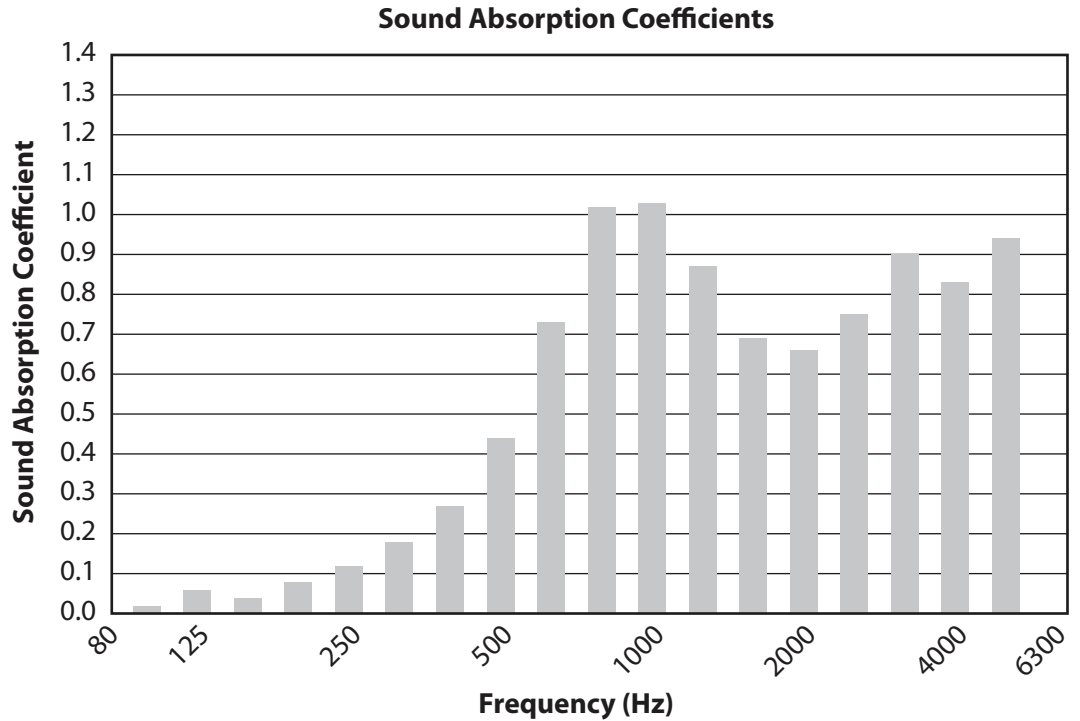
FILENAME: Test#1 - 1 Cel™
PROJECT FOLDER 0251389
CLIENT: Technature Inc.
PRODUCT: Absorption Material
QUANTITY: 1
COMMENT: 1" Cel™

SAMPLE SIZE – WT: 95.0 in × 95.5 in × 0 lbs.
DESCRIPTION #: 8 Panels – 1" Cel™ Arranged in 2 × 4 Fashion
TIME STAMP: Wed. Oct. 30, 2002 – 9:11 AM
TOTAL SAMPLE AREA: 63.0 ft²

F (Hz)	Absorption Coefficient	Absorption (Sabins)*
100	0.02	1.32
125	0.05	3.00
160	0.02	1.57
200	0.05	3.10
250	0.06	3.95
315	0.10	6.09
400	1.14	8.68
500	0.21	13.08
630	0.30	18.94
800	0.50	31.20
1000	0.80	50.28
1250	1.02	64.16
1600	0.89	56.00
2000	0.65	40.90
2500	0.55	34.48
3150	0.60	37.59
4000	0.75	47.39
5000	0.71	44.78

Temp (*C)	R. H. (%)	ATM (mbar)
22.0	63	990

*Total absorption based on 63.0 ft²



SAA = 0.44 NRC = 0.45