



An entirely new kind of acoustic panel

ASTM C423–Sound Absorption

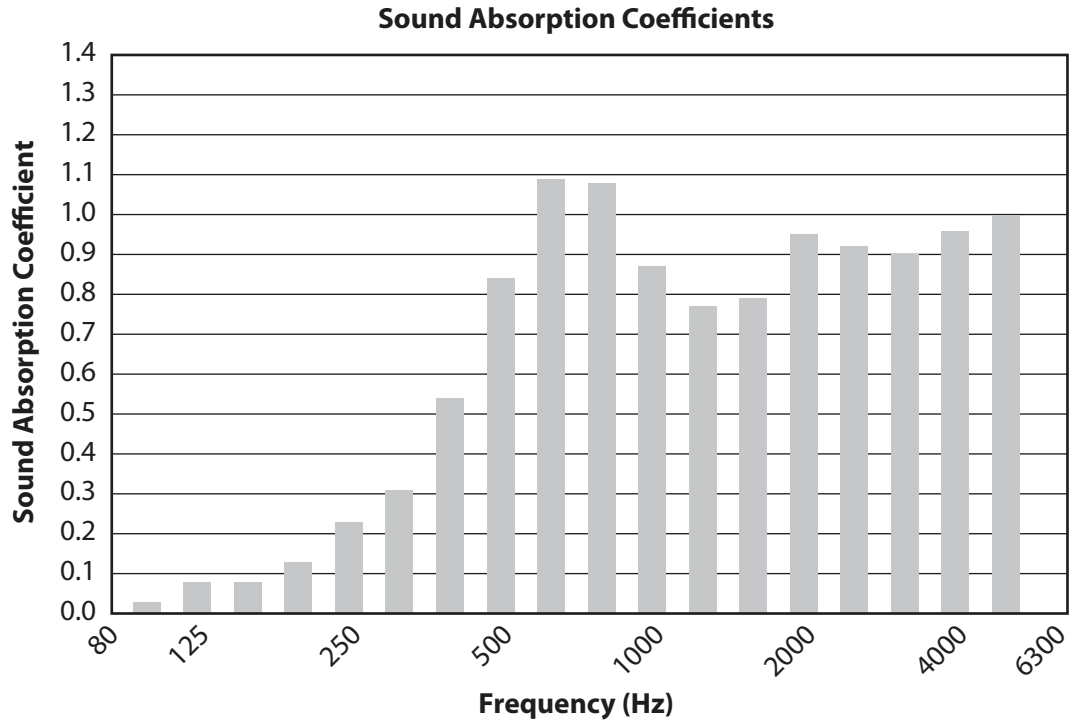
FILENAME: Test#12 - 2 Cel™
CLIENT: Technature Inc.
PRODUCT: Absorption Material
QUANTITY: 1
COMMENT: 2" Cel™ with 7-1" × 2" strips Cel™,
 Type A Mounting

DESCRIPTION #: 8 Panels – 2" Cel™ Arranged in 2 × 4
 Fashion: with 7 strips of 1" × 2" Cel™
 on center panels
TIME STAMP: Wed. Oct. 30, 2002 – 1:50 PM
**TOTAL
 SAMPLE AREA:** 63.0 ft²

SAMPLE SIZE – WT: 95.0 in × 95.5 in × – 0 lbs.

F (Hz)	Absorption Coefficient	Absorption (Sabins)*
100	0.03	2.09
125	0.08	5.10
160	0.08	4.75
200	0.13	7.88
250	0.23	14.71
315	0.31	19.68
400	0.54	34.00
500	0.84	52.99
630	1.09	68.78
800	1.08	68.27
1000	0.87	54.93
1250	0.77	48.43
1600	0.79	49.95
2000	0.95	59.91
2500	0.92	57.85
3150	0.90	56.86
4000	0.96	60.49
5000	1.00	63.24

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



*Total absorption based on 63.0 ft²

SAA = 0.71 NRC = 0.70