



An entirely new kind of acoustic panel

## ASTM C423–Sound Absorption

### 1" Cel™ Tested with 1" Echotouch™ Backer

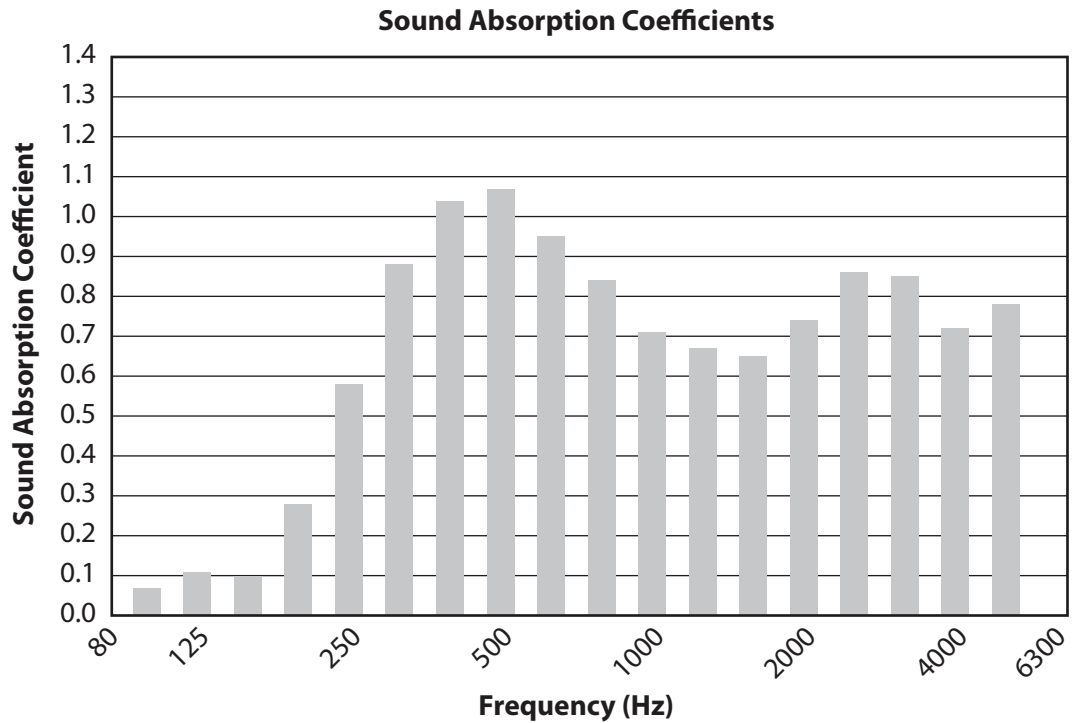
<b>FILENAME:</b> Test#2 - 1 Cel™	<b>DESCRIPTION #:</b> 8 Panels – 1" Cel™ Arranged in 2 × 4 Fashion: with 1" Echotouch™ below CEL™
<b>CLIENT:</b> Technature Inc.	<b>TIME STAMP:</b> Wed. Oct. 30, 2002 – 9:30 AM
<b>PRODUCT:</b> Absorption Material	<b>TOTAL SAMPLE AREA:</b> 63.0 ft <sup>2</sup>
<b>QUANTITY:</b> 1	
<b>COMMENT:</b> 1" Cel™ with 1" Echotouch™	

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

F (Hz)	Absorption Coefficient	Absorption (Sabins)*
100	0.07	4.38
125	0.11	7.23
160	0.10	6.10
200	0.28	17.64
250	0.58	36.82
315	0.88	55.16
400	1.04	65.32
500	1.07	67.38
630	0.95	59.74
800	0.84	52.79
1000	0.71	44.99
1250	0.67	42.02
1600	0.65	41.01
2000	0.74	46.57
2500	0.86	54.32
3150	0.85	53.55
4000	0.72	45.31
5000	0.78	49.26

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

\*Total absorption based on 63.0 ft<sup>2</sup>



**SAA = 0.77    NRC = 0.80**