

TEST REPORT FOR BURCH FABRICS

Report No.: N7464.01-113-11-R0

Date: 06/02/22

N7464.01B1 DATA, Ace Fabric on Fiberglass Insulation Board

| | | |
|----------------------|---------------------|-------------|
| TECHNICIAN | Zachary P. Golden | |
| SPECIMEN AREA | 6.69 m ² | |
| MOUNTING TYPE | A | |
| | EMPTY | FULL |
| TEMP °C | 22.0 | 23.0 |
| RH % | 54 | 53 |
| B.P. (mb) | 1003 | 1001 |

| FREQ (Hz) | EMPTY ROOM ABSORPTION (m ²) | FULL ROOM ABSORPTION (m ²) | ABSORPTION COEFFICIENT |
|--------------|---|--|---------------------------|
| 80 | 5.91 | 5.85 | 0.00 |
| 100 | 6.34 | 6.68 | 0.05 |
| 125 | 5.58 | 5.94 | 0.06 |
| 160 | 4.85 | 5.45 | 0.09 |
| 200 | 5.02 | 6.14 | 0.17 |
| 250 | 5.35 | 7.27 | 0.29 |
| 315 | 5.29 | 8.12 | 0.42 |
| 400 | 5.26 | 8.98 | 0.56 |
| 500 | 5.27 | 9.99 | 0.71 |
| 630 | 5.01 | 10.64 | 0.84 |
| 800 | 5.21 | 11.44 | 0.93 |
| 1000 | 5.15 | 11.66 | 0.97 |
| 1250 | 5.38 | 12.21 | 1.02 |
| 1600 | 5.48 | 12.50 | 1.05 |
| 2000 | 5.40 | 12.37 | 1.04 |
| 2500 | 5.73 | 13.01 | 1.09 |
| 3150 | 6.33 | 13.13 | 1.02 |
| 4000 | 6.97 | 13.47 | 0.97 |
| 5000 | 7.48 | 13.63 | 0.92 |

| | | |
|-------------------|------|-------------------------------|
| NRC RATING | 0.75 | (Noise Reduction Coefficient) |
| SAA RATING | 0.76 | (Sound Absorption Average) |

Notes:

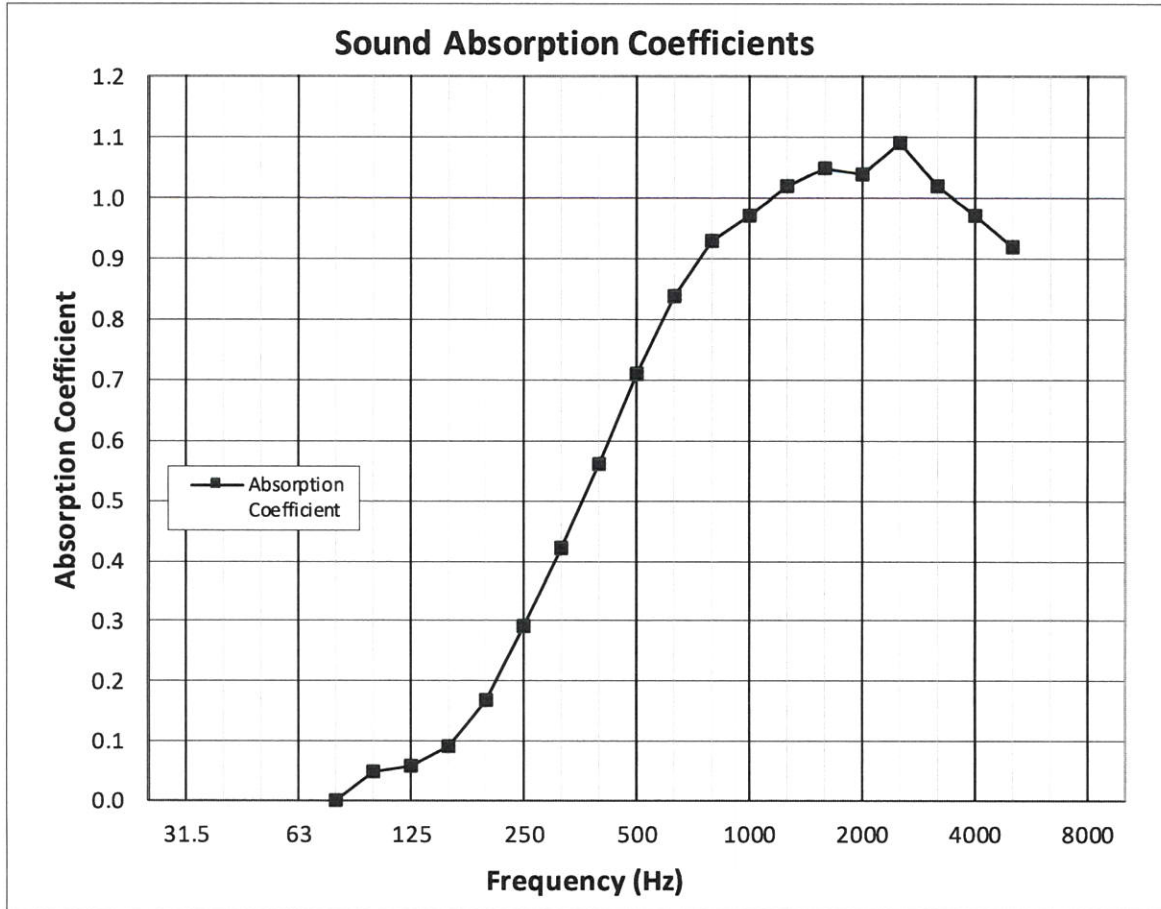
- 1) The NRC rating is the arithmetic average of the sound absorption coefficients at 250, 500, 1000, and 2000 hertz. The average is rounded to the nearest multiple of 0.05.
- 2) The SAA rating is the arithmetic average of the sound absorption coefficients at the frequencies ranging from 200 to 2500 hertz. The average is rounded to the nearest multiple of 0.01.

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N7464.01B1 GRAPH, Ace Fabric on Fiberglass Insulation Board



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Photo No. 3

View of Installed Test Option N7464.01B1, Ace Fabric

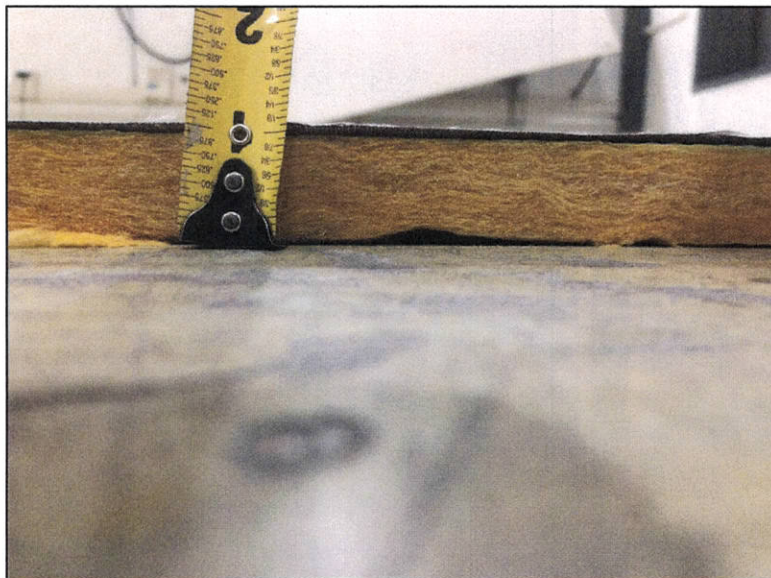


Photo No. 4

Side View of Test Option N7464.01B1, Ace Fabric