



Name: PolySorb New Color Collection
 Size Available: 4' x 9' Standard. Custom colors and sizes up to 5' x 12' available. Longer lead times and MOQ may apply
 Thickness: 1/2" Standard
 Core Density: 12.5lbs per square foot
 NRC: 0.45 A-Mount
 Face Type: Smooth Ironed Face
 FSI: Class A Flame Spread Index

Intertek Report #200421005SHF-001 Description of the test specimen

Specimen Size: 87.3 SF
 Mount Method: Type A Mounting Method
 Frame Construction: Placed Directly on The Test Surface

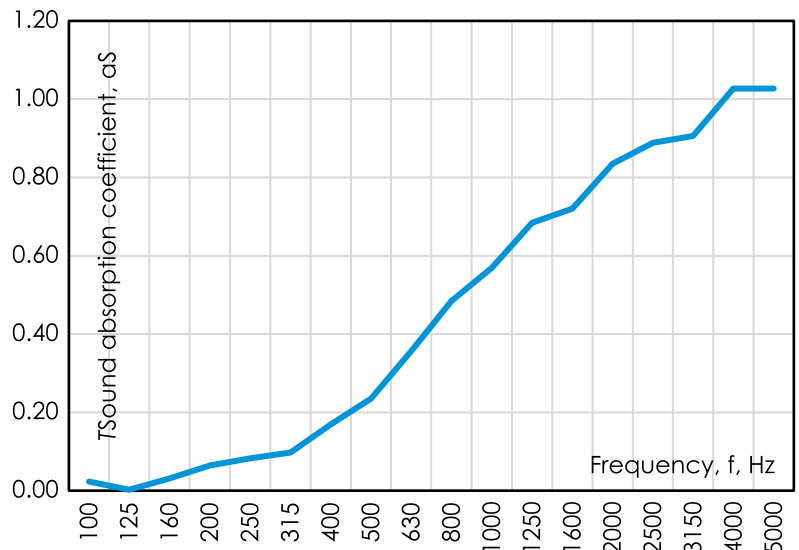
Air temp in the test room: 72.9°F
 Air humidity in test room: 49.0%

Number of sound source positions: 2
 Number of microphone positions per sound source position: 3 Rotating Traverses
 Type of noise used: Pink Random Noise
 Type of mounting used: Type A Mounting
 Airspace behind sample: 0"

Frequency f Hz	One-Third Octave
100	0.01
125	0.00
160	0.02
200	0.06
250	0.07
315	0.11
400	0.17
500	0.24
630	0.36
800	0.48
1000	0.57
1250	0.66
1600	0.72
2000	0.83
2500	0.88
3150	0.93
4000	1.04
5000	1.04

Rating according to ASTM C423
 α_{array} Noise Reduction Coefficient = 0.45
 α_{array} Sound Absorption Average = 0.45

It is strongly recommended to use this single number rating in combination with the complete sound absorption coefficient curve. α_{array} NRC and α_{array} SAA calculated at ASTM C423



It is strongly recommended to use this single number rating in combination with the complete sound absorption coefficient curve. Sound absorption coefficients according to ISO 354 measurement of sound absorption in a reverberation room.

1/2" THICK NEW COLORS

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