



Name: PolySorb Standard Colors Collection
Size Available: 4' x 8' & 4' x 10' Standard. Custom colors and sizes up to 5' x 12' available. Longer lead times and MOQ may apply.
Thickness: 2" Standard
Core Density: 2" 5 PCF
NRC: 2" 1.15
SAA: 2" 1.12
Face Type: Ironed Smooth Face
FSI: Class A Flame Spread Index

NOAL Test 22-0945 Description of the test specimen

Specimen Size: 87.3 SF
Mount Method: Type F50 Mounting Method
Frame Construction: 30 blocks 2" x 3.5" x 3" at 24" OC
Air temp in the test room: 72.9°F
Air humidity in test room: 49.2%
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 F50 Mounting
Airspace behind sample: 2"

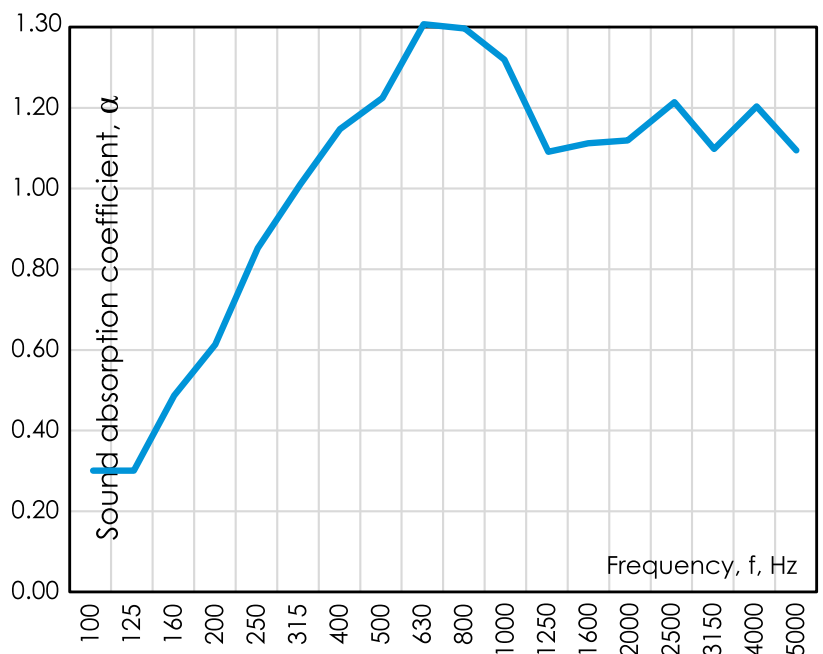
Frequency f Hz	α - With Sample
100	0.26
125	0.26
160	0.48
200	0.61
250	0.85
315	1.01
400	1.18
500	1.23
630	1.31
800	1.30
1000	1.26
1250	1.15
1600	1.17
2000	1.18
2500	1.21
3150	1.14
4000	1.21
5000	1.14

Rating according to ASTM C423
Noise Reduction Coefficient = 1.15
Sound Absorption Average = 1.12

It is strongly recommended to use this single number rating in combination with the complete sound absorption coefficient curve. Sound absorption coefficients calculated at ASTM C423



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we can
help!





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