

Name: PolySorb Foundation Colors Collection
Size Available: 5' x 8.5' & 5' x 10' Standard
Thickness: 2" Standard
Core Density: 1 3/4" 5.5 PCF core + 1/4" 12 PCF PET face
NRC: 2" 1.05
SAA: 2" 1.03
Face Type: Ironed Smooth PCF Face
FSI: Class A Flame Spread Index

NOAL Test 22-0938 Description of the test specimen

Specimen Size: 86.4 SF
Mount Method: Type A Mounting Method
Frame Construction: Placed Directly on The Test Surface
Air temp in the test room: 72.5°F
Air humidity in test room: 49.7%

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"

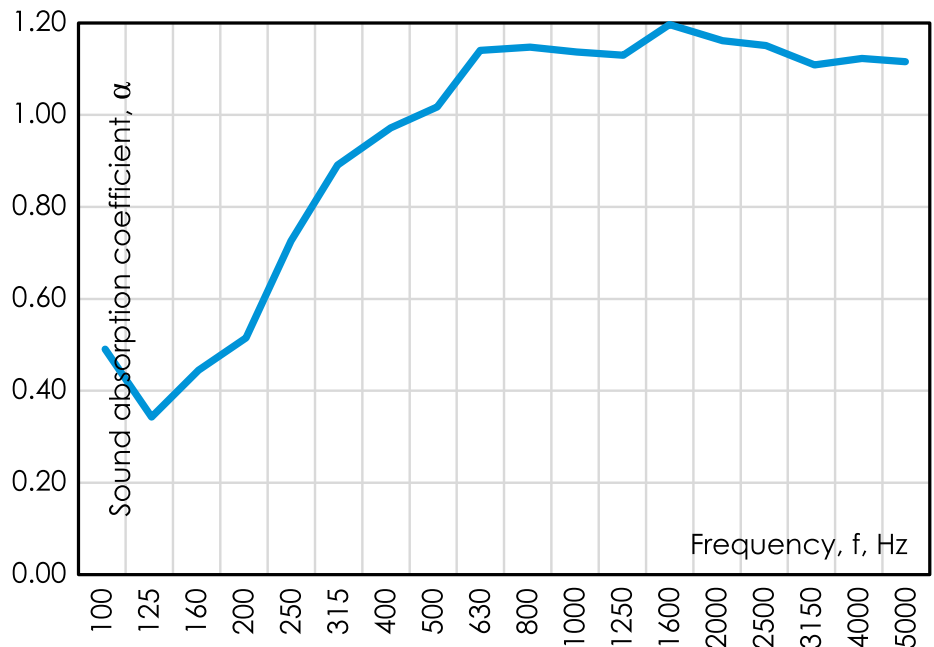
Frequency f Hz	α - With Sample
100	0.49
125	0.38
160	0.44
200	0.53
250	0.76
315	0.89
400	0.98
500	1.03
630	1.18
800	1.19
1000	1.17
1250	1.16
1600	1.20
2000	1.17
2500	1.07
3150	1.11
4000	1.14
5000	1.13

Rating according to ASTM C423
Noise Reduction Coefficient = 1.05
Sound Absorption Average = 1.03

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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