



Name: PolySorb Foundation Colors
Size Available: 4' x 8' & 4' x 10' Standard. Custom sizes and colors up to 5' x 12'. Longer lead times and MOQ may apply
Thickness: 1" Standard
Core Density: 1" 7.5 PCF
BFCC Core Density: 3/4" 5.5 PCF core + 1/4" 12 PCF PET face
NRC: 1" 0.70, (BFCC) 0.85
SAA: 1" 0.70, (BFCC) 0.85
Face Type: Ironed Smooth Face
FSI: Class A Flame Spread Index

Core Color:

White, Cloud, Light Beige, Dark Beige, Light Grey, Grey, Medium Grey, Charcoal, Obsidian, Black Face Charcoal Core, Tan, Chestnut Brown

NOAL Test 22-0939 Description of the test specimen*

Intertek Test #200722004SHF-001 Description of the test specimen**

Specimen Size: 100.1 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: 49.2%

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 A Mounting
Airspace behind sample: 0"

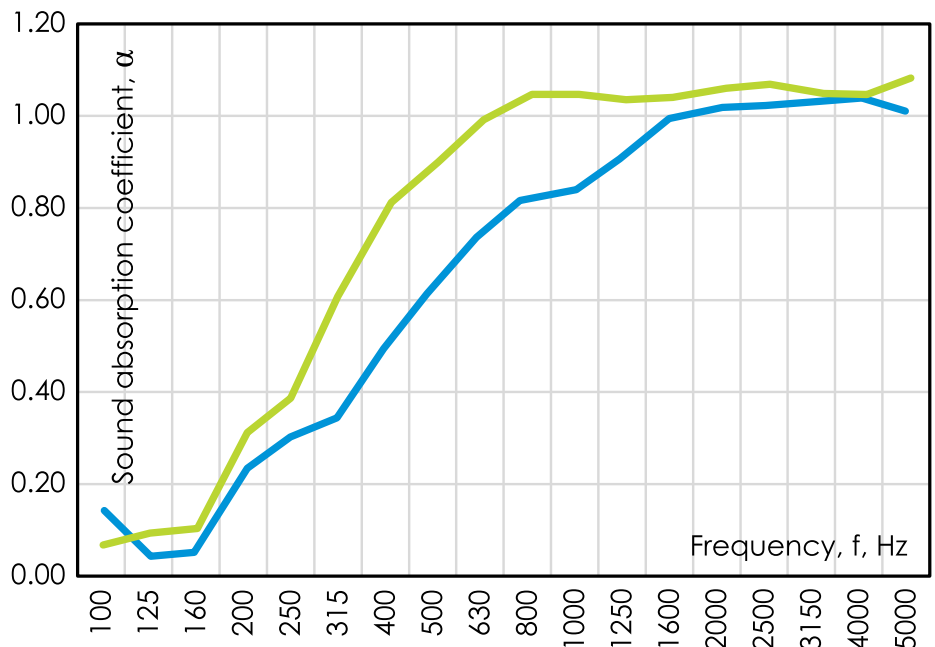
Frequency f Hz	α - With Sample*	α - With BFCC Sample**
100	0.16	0.06
125	0.08	0.09
160	0.09	0.10
200	0.24	0.33
250	0.30	0.39
315	0.34	0.60
400	0.52	0.80
500	0.62	0.88
630	0.72	0.99
800	0.83	1.04
1000	0.88	1.04
1250	0.91	1.02
1600	0.99	1.03
2000	1.03	1.05
2500	1.04	1.06
3150	1.04	1.04
4000	1.06	1.04
5000	1.02	1.07

Rating according to ASTM C423
Noise Reduction Coefficient = 0.70 - 0.85
Sound Absorption Average = 0.70 - 0.85

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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