



Name: PolySorb Standard 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, Tan, Chestnut Brown, Light Grey, Grey, Medium Grey, Charcoal, Obsidian, Charcoal Core Black Face

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"

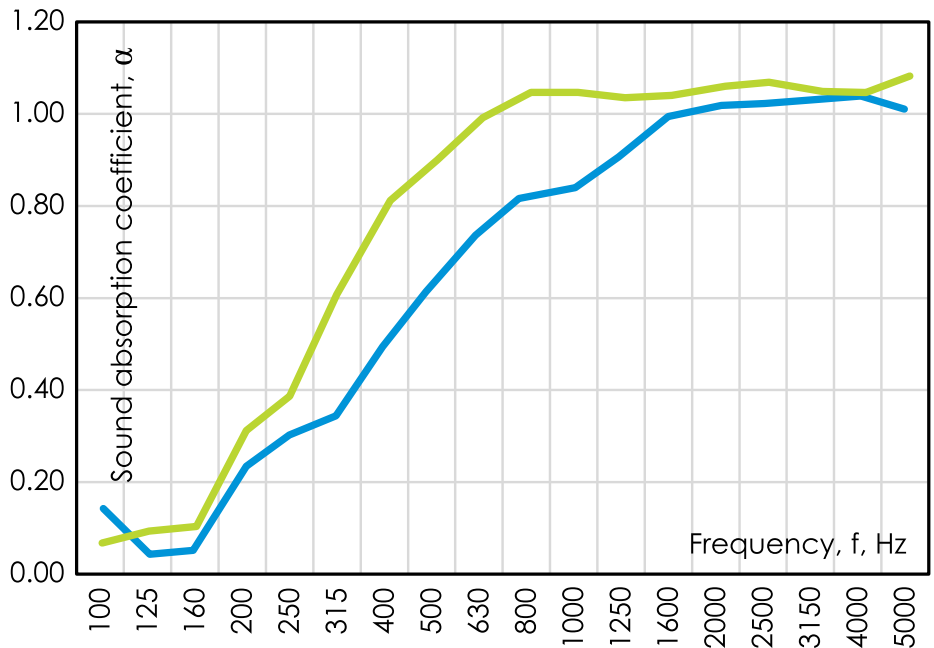
Frequency f Hz	α - With Sample*	α - With BFCC Sample**
100	0.16	0.06
125	0.08	0.09
160	0.09	0.10
200	0.24	0.33
250	0.30	0.39
315	0.34	0.60
400	0.52	0.80
500	0.62	0.88
630	0.72	0.99
800	0.83	1.04
1000	0.88	1.04
1250	0.91	1.02
1600	0.99	1.03
2000	1.03	1.05
2500	1.04	1.06
3150	1.04	1.04
4000	1.06	1.04
5000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



going green? we can help!





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