



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"

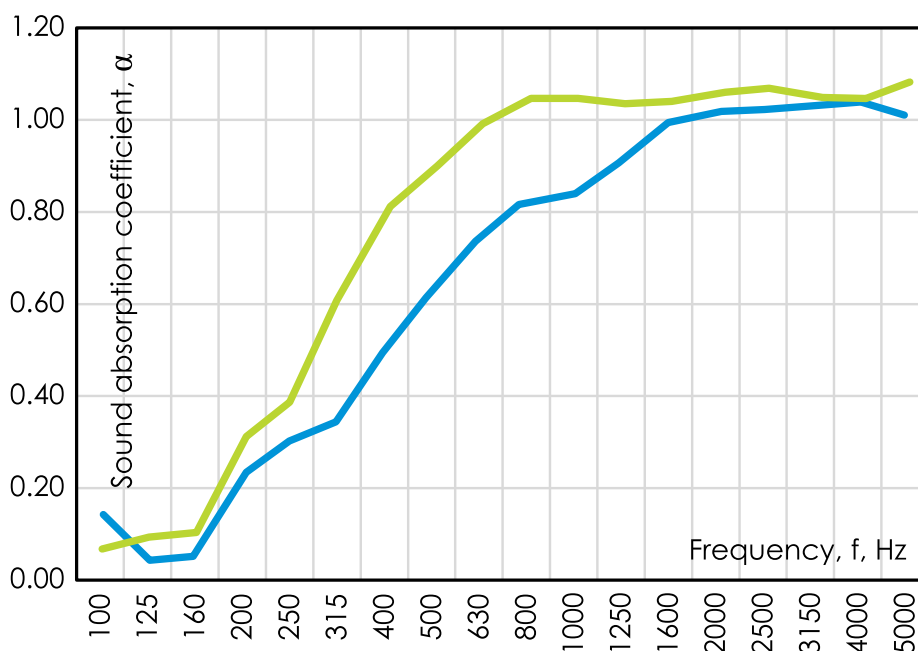
| Frequency<br>f Hz | $\alpha$ - With<br>Sample* | $\alpha$ - With<br>BFCC Sample** |
|-------------------|----------------------------|----------------------------------|
| 100               | 0.16                       | 0.06                             |
| 125               | 0.08                       | 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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