

Name: PolySorb Designer Color Collection
 Size Available: 4' x 9' Standard. Custom colors and sizes up to 5' x 12' available. Longer lead times and MOQ may apply
 Thickness: 1/2" Standard
 Core Density: 12.5lbs per square foot
 NRC: 0.45 A-Mount
 Face Type: Smooth Ironed Face
 FSI: Class A Flame Spread Index



Intertek Report #200421005SHF-001 Description of the test specimen

Specimen Size: 87.3 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: 49.0%

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"

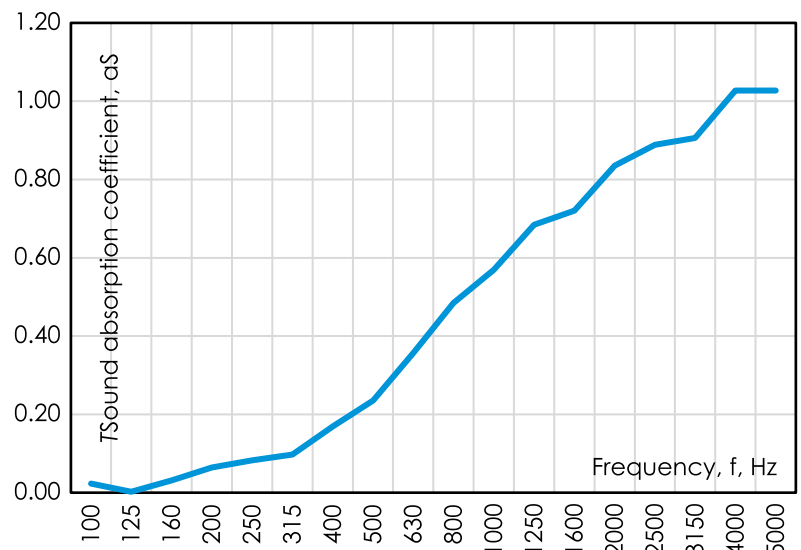
Frequency f Hz	One-Third Octave
100	0.01
125	0.00
160	0.02
200	0.06
250	0.07
315	0.11
400	0.17
500	0.24
630	0.36
800	0.48
1000	0.57
1250	0.66
1600	0.72
2000	0.83
2500	0.88
3150	0.93
4000	1.04
5000	1.04

Rating according to ASTM C423
 α_{array} Noise Reduction Coefficient = 0.45
 α_{array} Sound Absorption Average = 0.45

It is strongly recommended to use this single number rating in combination with the complete sound absorption coefficient curve. α_{array} NRC and α_{array} SAA calculated at ASTM C423



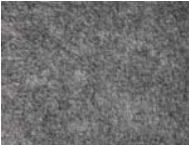
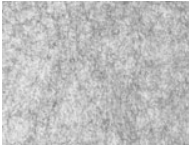
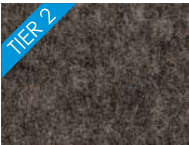
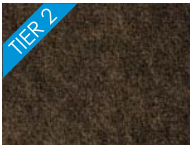
going green?
we can help!



It is strongly recommended to use this single number rating in combination with the complete sound absorption coefficient curve. Sound absorption coefficients according to ISO 354 measurement of sound absorption in a reverberation room.

1/2" THICK DESIGNER COLORS

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PS-01 PURE CAMEL	PS-02 LIGHT CAMEL	PS-03 YELLOW	PS-05 SILVER GREY	PS-06 WATER GRAY	PS-08 MOONLIGHT GREY	PS-09 AFRICAN GREY
						
PS-10 ORANGE	PS-11 RED	PS-12 VIOLET	PS-14 SKY BLUE	PS-15 BLUE	PS-16 TELECOM BLUE	PS-17 SESAME BLACK
						
PS-18 BLACK	PS-21 APPLE GREEN	PS-26 LAKE BLUE	PS-28 BROWN	PS-31 PLATINUM	PS-32 SILVER	PS-39 DARK BLUE
						
PS-40 GOLD COPPER	PS-41 LAKE GREEN	PS-43 VELVET	PS-44 FIELD	PS-45 TANGO	PS-46 CELLO BLUE	PS-47 BETON
						
PS-49 QUARTZ	PS-50 LEMON	PS-51 AUBERGINE	PS-52 SAVOYE	PS-53 AQUA	PS-442 LIGHT CHARCOAL	PS-1801 CEMENT
						
PS-1802 SANDSTONE	PS-1804 LAUNDRY	PS-1806 HUNTER GREEN	PS-1815 DIJON	PS-1816 LIGHT OLIVE	PS-1818 OLIVE GREEN	PS-1819 BRICK RED
						
BRONZE	DARK COFFEE	CALKE GREEN	lichen	INDIA YELLOW	RED EARTH	BLUSH
						
RIVER	MOSS	TERRACOTTA	ORANGE YELLOW			