

Guilford of Maine Spinel Acoustic Fabric



Description

The Guilford of Maine Spinel Acoustic Fabric calls on the natural beauty of stone for this color collection. The Spinel fabric may appear rock-like, but still allows sound to pass, making it an excellent choice for use on acoustical panels. Choose from colors like Patina, Granite, Obsidian, Smoky Quartz, Sandstone, Quarry, Yellowstone and Slate to generate remarkable designs on your next project.

Features

- Acoustical panel fabric
- Cleanable with water based cleaning agents

Technical Characteristics

Size:	66" wide x 36" yard
Materials:	68% Pre-consumer recycled polyester 32% Post-consumer recycled polyester
Weight:	11.8 +/- 1.0 oz./ linear yard
Pattern:	Large Scale
Repeat Vertical:	16.5"
Repeat Horizontal:	16.5"
Backing:	None
Treatment:	None
Fire Rating:	Class 1 or A per ASTM E84
Breaking Strength:	220 lbf min. warp 90 lbf min. fill (ASTM D5034)
Colorfastness to Light:	Grade 4 min. at 40 hours (AATCC 16 Option 3)
Colorfastness to Crocking:	Grade 4 min. dry Grade 3 min. wet (AATCC 8)
Acoustic Transparency:	5%
Bleach Cleanable:	No

Colors may vary between dye lots.

Acoustic Performance for Panel Applications (ISO 10534-2)

Frequency (Hz)	NRC
250	0.04
500	0.04
1000	0.05
2000	0.10
NRC of fabric in front of anechoic termination	0.05
NRC of anechoic termination	1.00

This test measures the NRC of fabric in front of anechoic termination (NRC of anechoic termination = 1.00). The test is done using an impedance tube with a sound source connected to one end and the test sample mounted in the tube at the other end.

For more information, please consult: <https://www.iso.org/standard/22851.html>

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