

Guilford of Maine Theory Acoustic Fabric



Description

Our Guilford of Maine Theory Fabric is used to wrap an acoustical substrate or other absorptive material. The Theory series offers a tightly-woven small-block pattern for your project.

Features

- Acoustical panel fabric
- Cleanable with water based cleaning agents

Technical Characteristics

Size:	66" wide x 36" yard
Materials:	100% Pre-consumer recycled polyester
Weight:	10.8 +/- 1.0 oz./ linear yard
Pattern:	Solid/Textural
Repeat Vertical:	None
Repeat Horizontal:	None
Backing:	None
Treatment:	None
Fire Rating:	Class 1 or A per ASTM E84
Breaking Strength:	175 lbf min. warp 150 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:	100%
Bleach Cleanable:	May be cleaned with a 10% bleach-to-water solution. Rinse well afterward.

Colors may vary between dye lots.

Acoustic Performance for Panel Applications (ISO 10534-2)

Frequency (Hz)	NRC
250	0.01
500	0.01
1000	0.01
2000	0.02
NRC of fabric in front of anechoic termination	0.01
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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