

# Guilford of Maine Axiom Acoustic Fabric



## Description

The Guilford of Maine Axiom Acoustic Fabric weaves together strands of neutral color for a perfect beginning to any design scheme. With colors names like Driftwood, Sparrow, and Tin, you will be sure to find a balanced selection to suit your needs. Use this fabric to create custom acoustic panels for a beautiful finish on your next project.

## Features

- Acoustical panel fabric
- Cleanable with water based cleaning agents

## Technical Characteristics

<b>Size:</b>	66" wide x 36" yard
<b>Materials:</b>	100% pre-consumer recycled polyester
<b>Weight:</b>	12.0 +/- 1.0 oz./ linear yard
<b>Pattern:</b>	Solid/Textural
<b>Repeat Vertical:</b>	None
<b>Repeat Horizontal:</b>	None
<b>Backing:</b>	None
<b>Treatment:</b>	Polyester binder
<b>Fire Rating:</b>	Class 1 or A per ASTM E84
<b>Breaking Strength:</b>	150 lbf min. warp   175 lbf min. fill (ASTM D5034)
<b>Colorfastness to Light:</b>	Grade 4 min. at 40 hours (AATCC 16 Option 3)
<b>Colorfastness to Crocking:</b>	Grade 4 min. dry   Grade 3 min. wet (AATCC 8)
<b>Acoustic Transparency:</b>	95%
<b>Bleach Cleanable:</b>	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	0.06
500	0.04
1000	0.07
2000	0.14
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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