

# Guilford of Maine Bailey Acoustic Fabric



## Description

Our Guilford of Maine Bailey Acoustic Fabric is used to wrap an acoustical substrate or other absorptive material. The Bailey series is a multi-color weave combining more than one color for a bold finish. This designer fabric's texture provides a clean and beautiful finish for your 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>	8.3 +/- 0.5 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   100 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	n/a
500	n/a
1000	n/a
2000	n/a
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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