

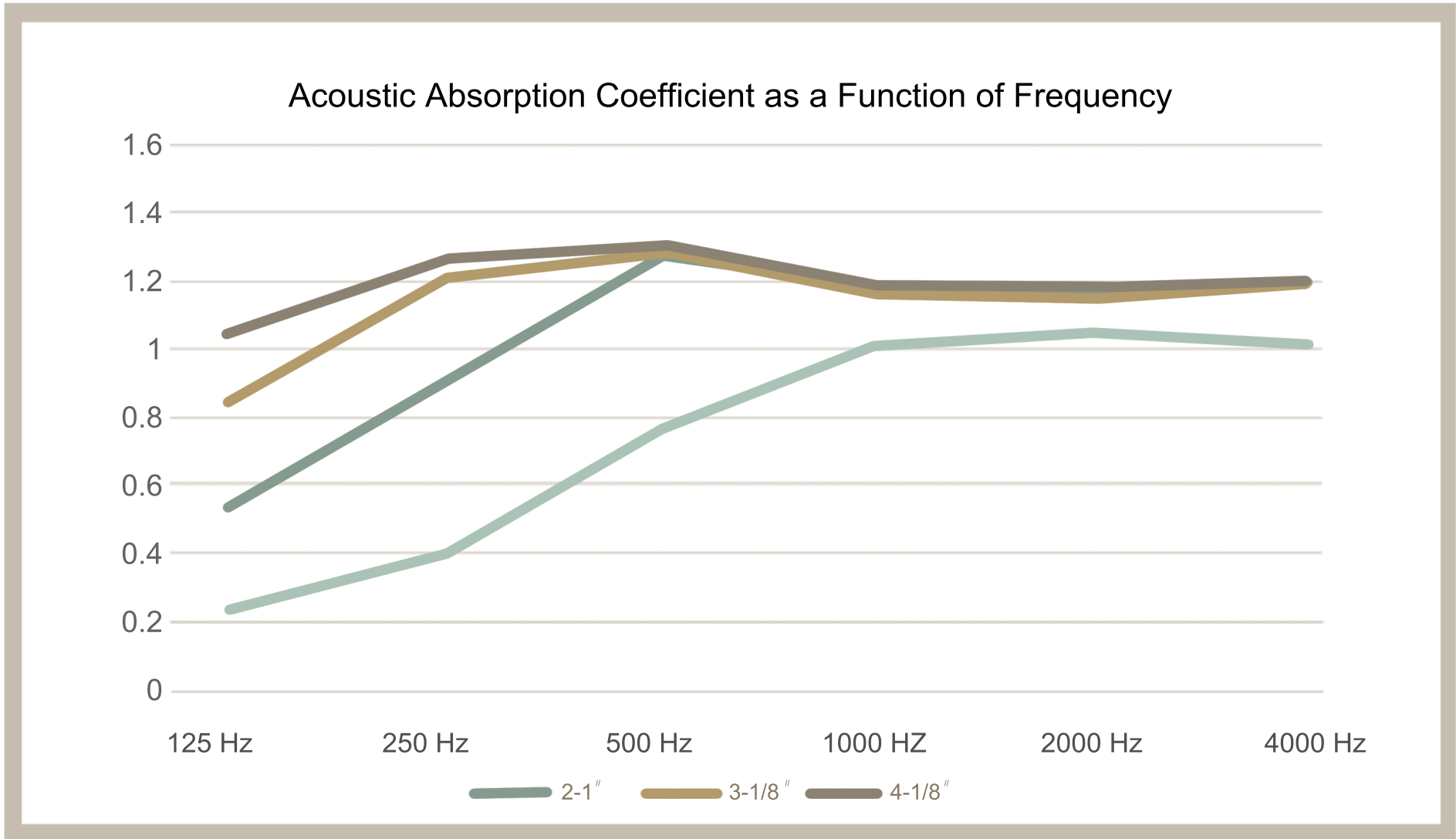
Product Description

ALPHA-GLASS HD panels are high-performance acoustic absorption panels consisting of a fabric-wrapped,rigid fiberglass core,incorporating an additional high-impact-resistant fiberglass facing layer (3 mm to 6 mm thick) engineered to enhance impact resistance and dimensional stability.Thepanels are designed to provide effective broadband sound absorption and reverberation control in acoustically demanding environments.The rigid fiberglass substrate ensures high mechanical durability,making the panels suitable for high-traffic and abuse-prone areas,while the acoustically transparent fabric finish allows optimal sound absorption without compromising visual or architectural quality. ALPHA-GLASS HD panels are intended for use in institutional, educational, recreational, and commercial applications, including schools, gymnasiums, corridors, cinemas, recording studios, offices, and similar interior spaces where both acoustic performance and impact resistance are required.

Sound Absorption Coefficients

Tested per ASTM C423 – Type A Mounting

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1-1/8 in	0.17	0.34	0.76	1.01	1.06	1.03	0.95
2-1/8 in	0.50	0.92	1.31	1.21	1.17	1.22	1.23
3-1/8 in	0.84	1.24	1.33	1.20	1.18	1.22	1.34
4-1/8 in	1.06	1.29	1.34	1.23	1.21	1.23	1.40



Fire Resistance:

ALPHA-Glass HD panels offer high performance in reaction to fire:

ASTM E84 (Surface Burning Characteristics of Building Materials): Classified as Class A, with a flame-spread index ≤ 25 and a smoke-developed index ≤ 50 , ensuring excellent resistance to flame propagation and limited smoke production.

CAN/ULC-S102 (Canadian Method of Fire and Smoke Spread Testing): Classified as Class A, with a flame-spread index ≤ 25 and a smoke-developed index ≤ 50 , confirming compliance with North American fire safety requirements.

LEED® Contribution

ALPHA-Glass HD acoustic panels contribute to the sustainability criteria of LEED v4/v4.1.

Manufactured from a fiberglass core with recycled content and wrapped in low-VOC acoustic fabric, they support healthy indoor air quality and meet acoustic performance requirements for occupant comfort. Their durable design, compliant with environmental standards, makes them suitable for projects seeking green certification.

Specifications

- Core material: high-density fiberglass (6–7 PCF) ,incorporating an additional high-impact-resistant fiberglass facing layer (3 mm to 6 mm thick) , with chemically hardened edges (aluminum-hardened edges available on request)
- Finish: all standard North American acoustic fabrics, including Guilford of Maine (FR701, Whisper, Anchorage, etc.)
- Thicknesses: standard 1-1/8" and 2-1/8" (other available thicknesses: 3-1/8", 4-1/8")
- Maximum dimensions: up to 48" (width) × 120" (height) – custom sizes available
- Edge types: square or 45° bevel – additional edge types available on request
- Mounting options: impaling clips, Z-clips, adhesives, Roto-Fast, washer-plates, and custom mounting systems

Handling and Storage :

Store panels flat in a well-ventilated area. Protect them from humidity and direct sunlight, and avoid resting them on their edges.

Cleaning :

Clean panels with a soft brush or vacuum. For spills, use a non-toxic mild soap with warm water, then blot with a clean cloth without applying excessive pressure.

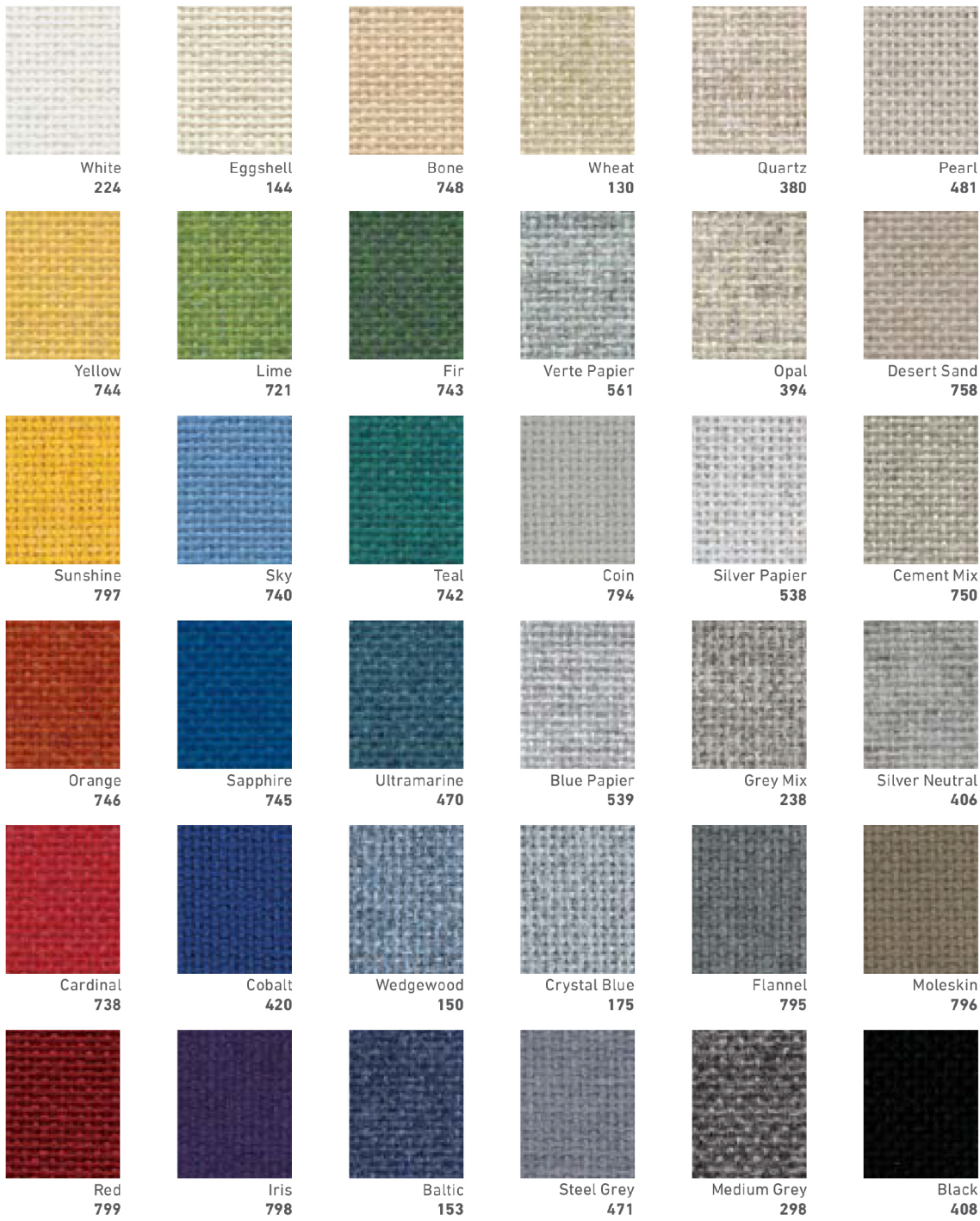
Standard Fabrics

(Custom fabrics available)

Recycled Content
Bleach Cleanable

Panel | Acoustic

FR701® 2100



Guilford of Maine
Collection

duvaltex

FR701® 2100

Panel | Acoustic

Specifications

Content	100% post-consumer recycled polyester
Weight	16.0 ± 0.5 oz./lin. yd
Width	66" min. useable
Repeat	none

Cleaning Code

Standard Care Label W-S. Clean with water based cleaning agents, foam or pure, water free solvents. Vacuuming or light brushing is recommended to prevent dust and soil buildup.

Bleach Cleanable - May be cleaned with a 10% bleach-to-water solution. Rinse well after cleaning. May also be disinfected with hydrogen peroxide, alcohol, and quaternary ammonium (quat) based cleaners.

Miscellaneous

- Application testing of this product is recommended.
 - Colors may vary between dye lots.
 - This is a non-directional fabric.
- Proudly woven in North America supporting our local communities.

Sustainability

100% recycled and recyclable



Guilford of Maine
Collection

Renowned for its exceptional performance and style, Guilford of Maine has set industry standards in acoustics and panel fabrics for many decades. We present the Guilford of Maine Collection - a selection of timeless fabrics.

Performance

- Colorfastness to light (AATCC 16.3 Option 3)**
Grade 4 min. at 40 hours
- Colorfastness to crocking (AATCC 8)**
Grade 4 min. dry & Grade 3 min. wet
- Breaking Strength (ASTM D5034)**
150 lbf min. warp and fill
- Flammability**
ASTM E84 Class I or A

Acoustical Performance

Our acoustic fabrics are all acoustically transparent. This represents the amount of sound that passes through the fabric.

Acoustic Transparency:	95%
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For more detailed results, please consult our website.

This pattern is included in the underwriters laboratory panel fabric recognition program. Additional testing of this U.L. recognized fabric is not required on approved panels from participating manufacturers.

Certification Marks owned by the Association for Contract Textiles, Inc.

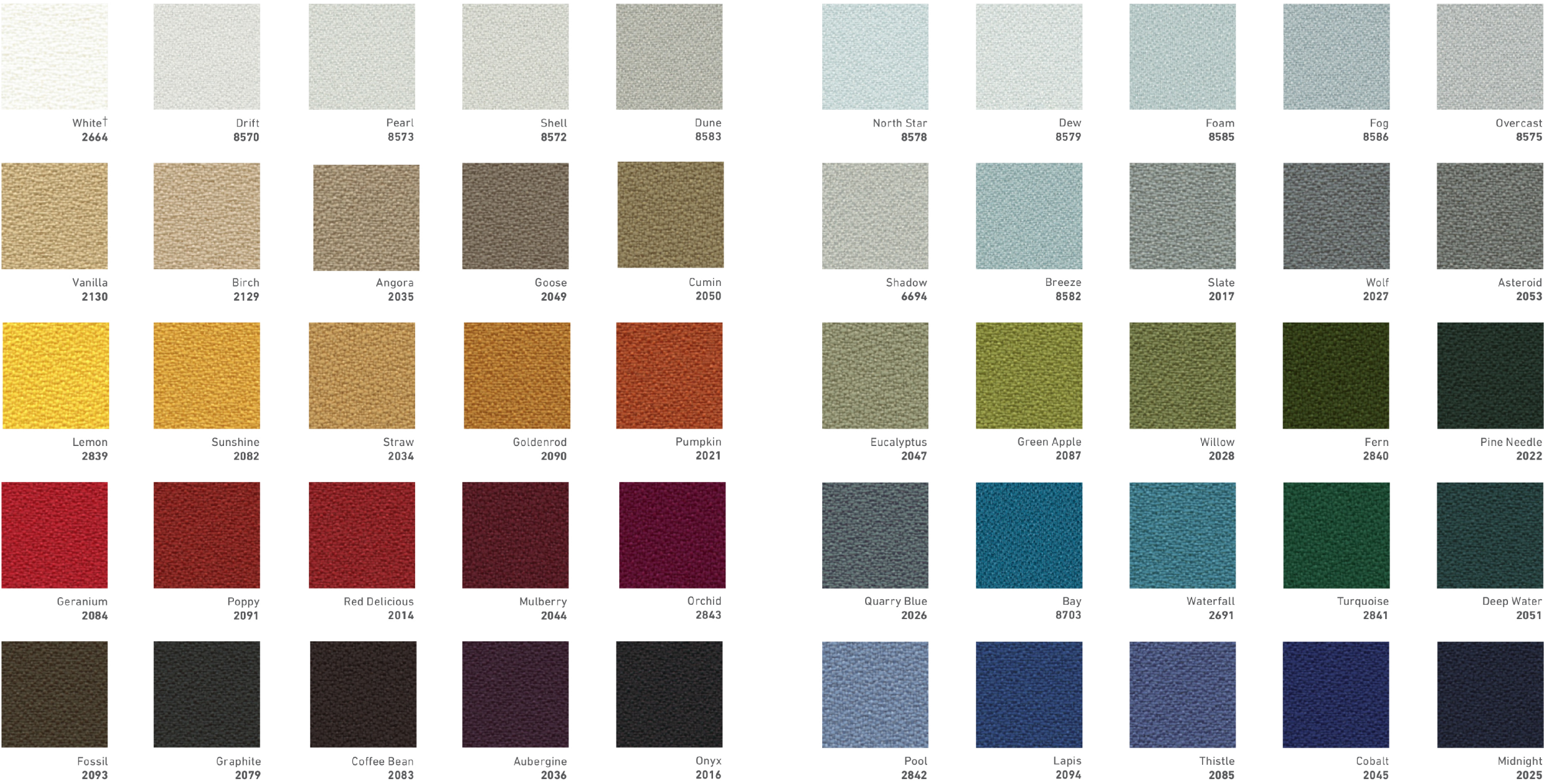
USA & INTERNATIONAL | T 800-544-0200
CANADA | T 418 227-9897
For samples, visit duvaltex.com

FC-2100 23/10

Recycled Content

Panel | Acoustic

Anchorage 2335



† Suitable for printing



duvaltex

Anchorage 2335

Panel | Acoustic

Specifications

Content	100% post-consumer recycled polyester
Weight	15.2 ± 1.0 oz./lin. yd
Width	66" min. useable
Repeat	none

Cleaning Code

Standard Care Label W-S. Clean with water based cleaning agents, foam or pure, water free solvents. Vacuuming or light brushing is recommended to prevent dust and soil buildup. May also be disinfected with hydrogen peroxide, alcohol, and quaternary ammonium (quat) based cleaners.

Miscellaneous

- Application testing of this product is recommended.
- Colors may vary between dye lots.

Proudly woven in North America supporting our local communities.

Sustainability

100% recycled and recyclable



Renowned for its exceptional performance and style, Guilford of Maine has set industry standards in acoustics and panel fabrics for many decades. We present the Guilford of Maine Collection - a selection of timeless fabrics.

Performance

	Colorfastness to light (AATCC 16.3 Option 3) Grade 4 min. at 40 hours
	Colorfastness to crocking (AATCC 8) Grade 4 min. dry & Grade 3 min. wet
	Breaking Strength (ASTM D5034) 275 lbf min. warp and fill
	Flammability ASTM E84 Class I or A

Acoustical Performance

Our acoustic fabrics are all acoustically transparent. This represents the amount of sound that passes through the fabric.

Acoustic Transparency:	85%
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For more detailed results, please consult our website.

This pattern is included in the underwriters laboratory panel fabric recognition program. Additional testing of this U.L. recognized fabric is not required on approved panels from participating manufacturers.

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FC-2335 25/22

Panel | Acoustic

Whisper 1240



duvaltex

Whisper 1240

Panel | Acoustic

Specifications

Content	53% post-consumer recycled polyester 47% polyester
Weight	10.9 ± 1.0 oz./lin. yd
Width	66" min. useable
Repeat	none
Treatment	polyester binder

Cleaning Code

Standard Care Label W-S. Clean with water based cleaning agents, foam or pure, water free solvents. Vacuuming or light brushing is recommended to prevent dust and soil buildup. May also be disinfected with hydrogen peroxide, alcohol, and quaternary ammonium (quat) based cleaners.

Miscellaneous

- Application testing of this product is recommended.
- Colors may vary between dye lots.
- This is a directional fabric.

Proudly woven in North America supporting our local communities.

Sustainability



Performance

	Colorfastness to light (AATCC 16.3 Option 3) Grade 4 min. at 40 hours
	Colorfastness to crocking (AATCC 8) Grade 4 min. dry & Grade 3 min. wet
	Breaking Strength (ASTM D5034) 270 lbf warp and 150 lbf fill
	Flammability ASTM E84 Class I or A

Acoustical Performance

Our acoustic fabrics are all acoustically transparent. This represents the amount of sound that passes through the fabric.

Acoustic Transparency:	95%
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For more detailed results, please consult our website.

This pattern is included in the underwriters laboratory panel fabric recognition program. Additional testing of this U.L. recognized fabric is not required on approved panels from participating manufacturers.

*Certification Marks owned by the Association for Contract Textiles, Inc.

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FC-1240 23/04