



ALPHASONIX α

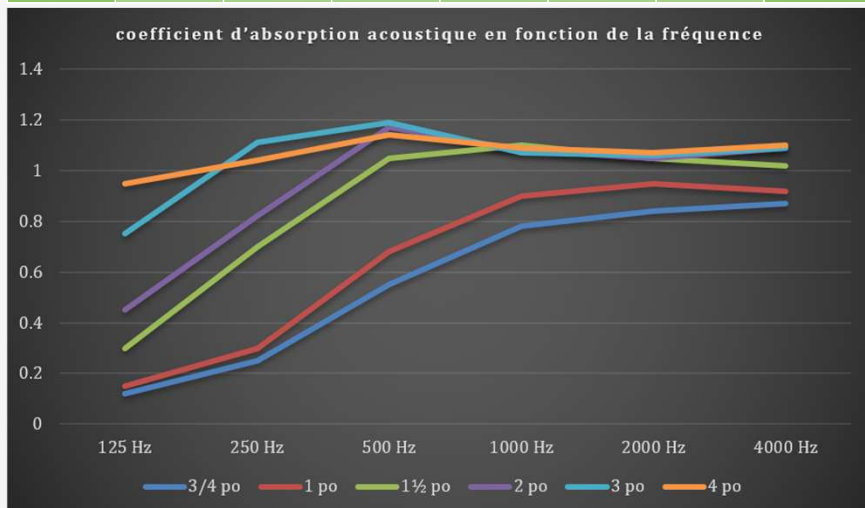
ALPHA-Glass Baffles & Clouds

ALPHA-GLASS BAFFLES & CLOUDS ACOUSTIC PANELS PROVIDE OPTIMAL NOISE AND REVERBERATION REDUCTION. THEY ADAPT PERFECTLY TO VARIOUS ENVIRONMENTS, SUCH AS MOVIE THEATERS, MUSIC PRODUCTION STUDIOS, GYMS, AND MORE. THANKS TO THEIR DESIGN, THESE CEILING PANELS CREATE SPACES THAT ARE BOTH AESTHETICALLY PLEASING AND ACOUSTICALLY COMFORTABLE.

Sound Absorption Coefficients

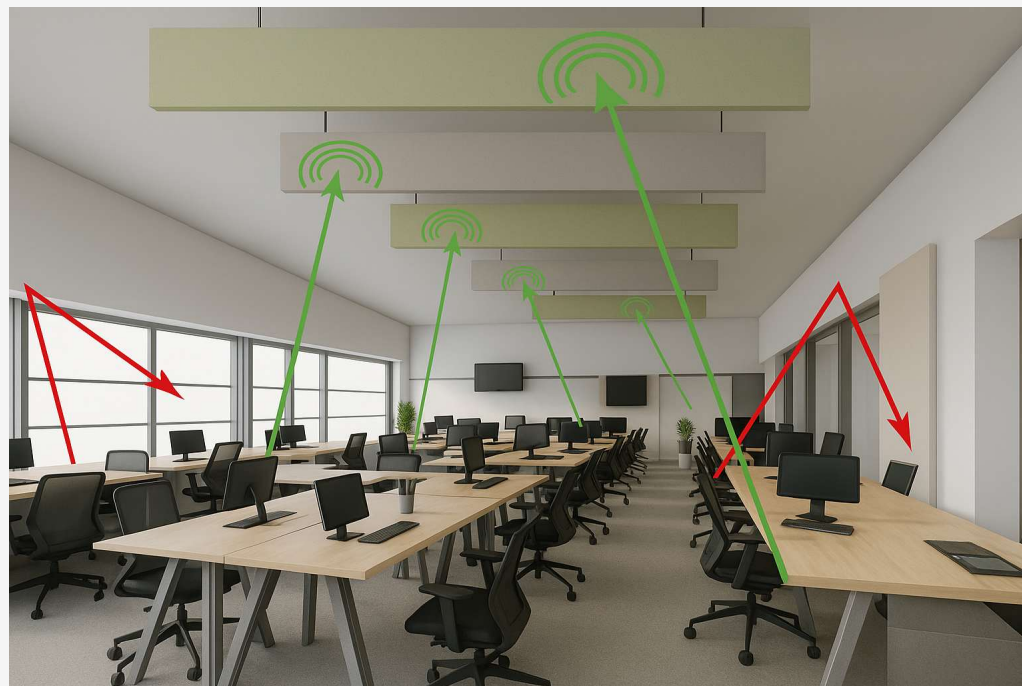
Tested per ASTM C423 – Type A Mounting

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
3/4 in	0.12	0.25	0.55	0.78	0.84	0.87	0.7
1 in	0.15	0.3	0.68	0.9	0.95	0.92	0.85
1½ in	0.3	0.7	1.05	1.1	1.05	1.02	1.05
2 in	0.45	0.82	1.17	1.08	1.05	1.09	1.1
3 in	0.75	1.11	1.19	1.07	1.06	1.09	1.2
4 in	0.95	1.04	1.14	1.09	1.07	1.1	1.2



LEED® Contribution

ALPHA-Euro acoustic panels contribute to LEED v4/v4.1 sustainability criteria. Made from recycled-content fiberglass and covered with low-VOC emission fabrics, they promote indoor air quality and meet acoustic performance requirements for occupant comfort. Their sustainable design, compliant with environmental standards, makes them a suitable solution for projects seeking green certification.



Fire Resistance:

ALPHA-GLASS panels demonstrate high fire reaction performance:

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

CAN/ULC-S102 (Canadian Method for Determination of Flame Spread and Smoke Development): rated Class A, with a flame spread index ≤ 25 and a smoke developed index ≤ 50 , confirming compliance with fire safety requirements in North America.



SPECIFICATIONS:

Base Material: high-density fiberglass (6–7 PCF) with chemically hardened edges (aluminum hardened edges available upon request)

Finish: All standard fabrics in North America, such as Guilford of Maine (FR701, Whisper, Anchorage, etc.).

Thicknesses: Standard 1" and 2", 3" and 4"

Maximum Dimensions: up to 48" (width) × 120" (height) – custom sizes available

Mounting: "Twist-spring hanger" and cable, etc.



HANDLING AND STORAGE:

Handle products with care to avoid bending, chipping edges, or denting faces. Store products in their original packaging in a well-ventilated area until the intended application environment is ready for installation. Allow products to acclimate to environmental conditions. Lay products flat on their faces; do not stand them upright on their edges. Protect from moisture, heat, and direct sunlight.

CLEANING:

Lightly brush or gently vacuum to remove dust. Clean with warm water and a mild, non-toxic soap to remove spills. Test the solution on an inconspicuous area before applying to more visible areas. Blot with a dry cloth after applying the solution to avoid saturating the material. Avoid applying too much pressure when cleaning products.

Standard Fabrics

(Custom Fabrics Available)

Recycled Content
Bleach Cleanable

Panel | Acoustic

FR701® 2100



Guilford of Maine
Collection

duvaltex

FR701® 2100

Specifications

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

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.
- Tackable properties may vary depending on fabric structure and recovery characteristics.

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.

duvaltex

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

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
CAN/ULC-S102.2

Acoustical Performance

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

Acoustic Transparency: 95%

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.



FC-2100 25/09

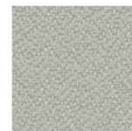
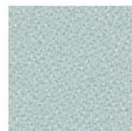
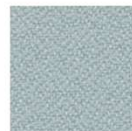
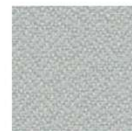
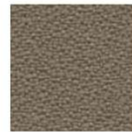
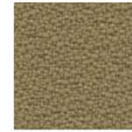
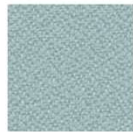
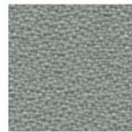
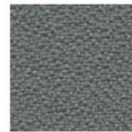
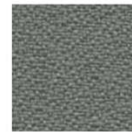
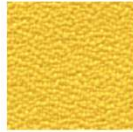
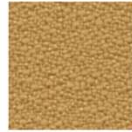
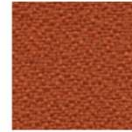
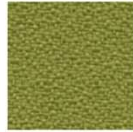
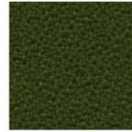
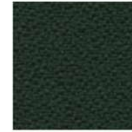
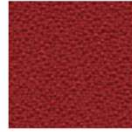
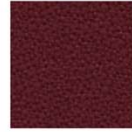
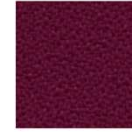
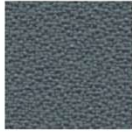
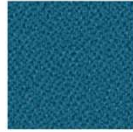
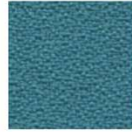
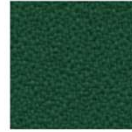
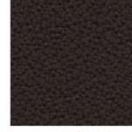
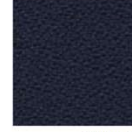
Standard Fabrics

(Custom Fabrics Available)

Recycled Content

Panel | Acoustic

Anchorage 2335

									
White† 2664	Drift 8570	Pearl 8573	Shell 8572	Dune 8583	North Star 8578	Dew 8579	Foam 8585	Fog 8586	Overcast 8575
									
Vanilla 2130	Birch 2129	Angora 2035	Goose 2049	Cumin 2050	Shadow 6694	Breeze 8582	Slate 2017	Wolf 2027	Asteroid 2053
									
Lemon 2839	Sunshine 2082	Straw 2034	Goldenrod 2090	Pumpkin 2021	Eucalyptus 2047	Green Apple 2087	Willow 2028	Fern 2840	Pine Needle 2022
									
Geranium 2084	Poppy 2091	Red Delicious 2014	Mulberry 2044	Orchid 2843	Quarry Blue 2026	Bay 8703	Waterfall 2691	Turquoise 2841	Deep Water 2051
									
Fossil 2093	Graphite 2079	Coffee Bean 2083	Aubergine 2036	Onyx 2016	Pool 2842	Lapis 2094	Thistle 2085	Cobalt 2045	Midnight 2025

† Suitable for printing

 **Guilford of Maine**
Collection

duvaltex

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.

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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

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FC-1240 23/06