



# FABRITRAK® SYSTEM

CUSTOM IS STANDARD

**CREATIVE**  
SOUND  
**SOLUTIONS**  
FOR WALLS & CEILINGS





# FABRITRAK®

## VISUALLY SOUND

*FabriTRAK® system installed in a recording studio.*

### What is **FabriTRAK®**?

In today's world, acoustics have become a critical function in the design and construction of interior spaces. FabriTRAK®'s diversity allows architects and designers to meet the exacting demands and criteria for any project. There are 3 systems that incorporate their own specific trak profiles, infill and fabric choices:

**FabriTRAK®** Wall and Ceiling System

**GeoTRAK®** Environmentally Friendly Wall and Ceiling System

**FabriSPAN®** Fabrics

**FabriTRAK®** is an exceptional fire-retardant rigid vinyl framework that provides a method for using textiles such as fabric, felt, leather, silk and vinyl, as an interior finish for walls and ceilings. The framework, known as 'trak' is manufactured from a unique blend of polymers and fire-retardant additives tested to virtually no VOC emissions. Each system can be used with our extensive range of infills, such as TerraCORE Poly™ which has been DECLARE certified, and fabrics, some of which meet the requirements of the USGBC for LEED® certification and many available in wide width (10') and others in ultra-wide width (16').

### Applications

**FabriTrak®** is designed to reduce Hertz levels (noise), enhance speech clarity and privacy, and provide an excellent articulation index. Each system is created to enhance the designers' creativity to embrace virtually any wall or ceiling space configuration and incorporate a 'visually sound' solution related to acoustics in any space. The trak itself can be cut to exact spaces such as a variety of shapes, and it can be wrapped around columns and curved walls and ceilings. All FabriTRAK® systems are constructed and installed onsite by professional installers, ensuring precise panel alignment and an exact fit. FabriTRAK® is never pre-fabricated and design changes may be made at the time of installation, ensuring a completely **customized sound solution**.

### Sizes and Shapes

**FabriTrak®** systems are available in over 50 profiles. Typical profiles are Square, Radius and Bevel edges, ranging from 3/8" (9mm) to 2" (50mm) and available with top, bottom, side or joiner insertions. Any depth is achievable as every installation is custom. After the trak is installed, an acoustician may select from a variety of infills to enhance the NRC rating, and then fabric is tucked into the specially designed fabric-receiving jaws that have serrated and meshed teeth for superior gripping and holding. For more information about infills and fabric choices, please visit [www.fabritrak.com](http://www.fabritrak.com).

# FABRITRAK®

## #TRAK THE SOUND

FabriTRAK® system installed throughout a cafe.

***“Some professionals think acoustic products are utilitarian and that they limit your design options but nothing could be further from the truth...”***

- Tony Sola

Acoustics.com / Instructor of Architectural Acoustics at Arizona State University

All FabriTRAK® profiles in size ranges 3/8" to 2" have been tested in accordance with ASTM-E84-08 and later editions and have achieved a Class A rating\*. All ASTM Fire Test results can be found by visiting [fabritrak.com](http://fabritrak.com).

### Life Safety Issue

Site-fabricated stretched fabric panel systems attempting to meet Class A requirements of ASTM-E84 must now be tested in accordance to ASTM-E2573. The test requires that the fire test panel includes a framework of the same material composition and size of the perimeter frameworks running the longitudinal mid-seam of the panel to be exposed to the flame front for the duration of the test. It is critical that the design and construction community be aware of this requirement.

FabriTRAK® is tested to Type A and Type E mounting methods in accordance with IFC\* and IBC\* codes. All site-fabricated stretched fabric panel systems must be (re) tested according to ASTM-E2573.

For more information, visit [www.fabritrak.com/trak](http://www.fabritrak.com/trak)

\* 2009 International Fire Code (IFC) / 2009 International Building Code (IBC)



FabriTrak®



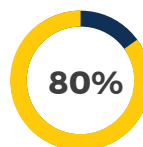
Infill



Fabric



Typical  
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Details



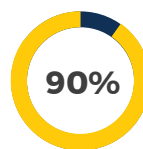
Acoustical  
Rating  
.80 NRC



Class A  
Rated  
ASTME 84



Typical  
System  
System  
Details



Acoustical  
Rating  
.90 NRC



Class A  
Rated  
ASTME 84



**Acoustical Wall and Ceiling Solutions**

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# TERRACORE POLY™

## POLYESTER ACOUSTICAL TILES AND INFILL

### What is **TerraCORE Poly™**?

**TerraCORE Poly™** is an acoustic sound absorption product manufactured with a special blend of very low denier polyester fibers which enhance acoustical performance. **TerraCORE Poly™** is an environmentally friendly substitution for fiberglass infill or as a stand-alone solution for ceiling tiles or walls. It is available in both standard and high densities for impact resistance.

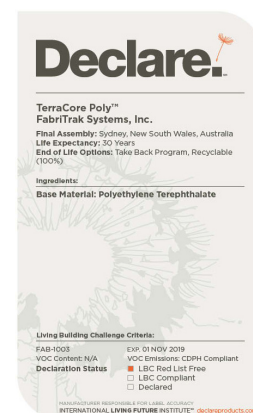
**TerraCORE Poly™** provides a safe environmental solution without limiting sound control.

#### **Sustainability:**

- Contains 80% post-consumer recycled material
- No added chemicals or binders
- Manufactured without the use of water
- Free of all Volatile Organic Compounds (VOC)
- No ozone depleting gases in manufacturing
- 100% recyclable
- Safe, non-irritant, non-toxic and non-allergenic

### Designers Suggest:

- ✓ **Environmentally Friendly**
- ✓ **LEED V4 interiors**
- ✓ **Living Building Challenge**
- ✓ **Specialty interiors**



### **TerraCORE Poly™** Technical Data

<b>COLOR</b>	White or Black
<b>THICKNESS</b>	1" (Nominal) (Other thicknesses available)
<b>SIZE*</b>	4' x 4' Sheets (Stock) (Other sizes available)
<b>COMPOSITION</b>	100% Polyester
<b>ACOUSTICAL TESTING**</b>	.80 N.R.C. (Composite System Value)
<b>FIRE TESTING**</b>	ASTM E84 Class A (Composite System Test)

\* Custom size available for container load orders.

\*\* Test values include Fabritrak, infill and fabric. ASTM tests available on [www.fabritrak.com](http://www.fabritrak.com).

#### **CERTIFIED BY:**

**Declare.**



LIVING  
BUILDING  
CHALLENGE

**PORTICO**

# FABRITACK® INFILLS

## #MANAGE THE SOUND

FabriTACK® system installed in theater to improve sound quality.

### What is **EcoTACK®**?

**EcoTACK®** is a tackable, hi-impact laminated fiberglass board consisting of a thin outer layer of a non-woven web of glass fibers oriented in a random direction bonded together with a thermosetting, formaldehyde-free resin system made in conjunction with a thicker 6 pcf density formaldehyde-free fiberglass.

**EcoTACK®**'s superior sound absorption properties meet not only Class A fire rating but also does not contain any phenol, formaldehydes or acrylics - providing an eco-friendly acoustic solution.

### Sustainable

**EcoTack®** - Acoustical, Sustainable, Tackable

### What is **FabriTACK®**?

**FabriTACK®** is a sound absorbing, impact resistant fiberglass board with a 6pcf density core that significantly improves sound absorption properties in all frequencies, resulting in enhanced NRC values.

**FabriTACK®** construction includes a 1/8" skin available in 14, 16 and 18 pcf densities bounded to a 6 pcf fiberglass core.

**FabriTACK®** is the premier high-impact, tackable product that is acoustically tested to C423/E795.

### What is **FabriBLOK®**?

**FabriBLOK®** is a mass loaded limp vinyl material that is used as a noise isolation barrier with a high STC (sound transmission coefficient) value. FabriBLOK® is an excellent choice for new construction as well as retrofitting or refurbishing existing rooms and spaces where sound transfer is an annoyance. FabriBLOK® maintains privacy where it matters: conference rooms, board rooms, security rooms, command centers, theaters, recording studios, gymnasiums or wherever else sound absorption is important.

**FabriBLOK®** offers TOTAL SOUND CONTROL. FabriBLOK®, when used in conjunction with the FabriTRAK® system, offers total sound comfort, privacy and elegance in any interior space.

### **EcoTACK®** Technical Data\*

<b>WIDTH</b>	7/8" Eco-Core with 1/10" Tackable Skin 1" Eco-Core with 1/10" Tackable Skin
<b>COLOR MATCH</b>	Natural Brown Core with White Face
<b>ACOUSTICAL TESTING</b>	ASTM C 423: NRC .75 (Composite System Value)
<b>FIRE TESTING</b>	ASTM E84 Class A (Composite System Test)

\* Test values included FabriTRAK, infill and fabric. ASTM tests available on [www.fabritrak.com](http://www.fabritrak.com).

### **FabriTACK®** Technical Data\*

<b>WIDTH</b>	From 1/2" to 2" Thickness
<b>COLOR</b>	Yellow or Black with White Face
<b>ACOUSTICAL TESTING</b>	ASTM C 423: NRC .80 (Composite System Value)
<b>FIRE TESTING</b>	ASTM E84 Class A (Composite System Test)

\* Test values include FabriTRAK, infill and fabric. Test available on [www.fabritrak.com](http://www.fabritrak.com).

### **FabriBLOK®** Technical Data\*

<b>THICKNESS</b>	1/8"
<b>COMPOSITION</b>	Mass loaded vinyl
<b>COLOR</b>	Black
<b>ACOUSTICAL TESTING</b>	STC Value .47 (Dual), STC Value .43
<b>FIRE TESTING</b>	ASTM E84 Class A (Composite System Test*)

\* Test values include FabriTRAK, infill and fabric. Test available on [www.fabritrak.com](http://www.fabritrak.com).

**Acoustical Wall and Ceiling Solutions**

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# FabriSPAN®

## CUSTOM LINE OF WIDE-WIDTH FABRICS

Custom dyed FTS Fabrics installed on theater walls.

### What is **FabriSPAN®**?

Our **FabriSPAN®** collection includes our most popular fabrics: Premium, Classic, Waterfall and Weave. Each fabric is made of 100% polyester and can be custom dyed to any paint chip or Pantone color.

### Why use **FabriSPAN®**?

FabriTRAK® offers wide width and ultra-wide width fabrics, that have been rigorously tested for both fire and acoustic tests. Widths of 10' and 16' eliminate distracting horizontal seams on interior walls and ceilings. The fabrics lend themselves to be custom dyed to any image - allowing for the designer to be completely creative.

FabriTRAK® also offers a selection of fabrics designed to work with each trak system and infill to offer the best sound solution for any space. For further information about our selection of fabrics, please visit our website or contact your local dealer.

### FabriSPAN® Fabrics Technical Data\*

	Width	Composition	Colors	Acoustical Testing	Fire Testing
<b>CLASSIC</b>	10'	100% polyester	Color matched to any Pantone or paint chip color (10' only)	.85 NRC (composite system value)*	ASTM E84 Class A (fabric only)
<b>WATERFALL</b>	10'	100% polyester	Color matched to any Pantone or paint chip color (10' only)	.85 NRC (composite system value)*	ASTM E84 Class A (fabric only)
<b>WEAVE</b>	10'	100% polyester	Color matched to any Pantone or paint chip color (10' only)	.85 NRC (composite system value)*	ASTM E84 Class A (fabric only)
<b>STRETCH</b>	10' & 16'	100% polyester	White, Ivory & Off-white Color matched to any Pantone or paint chip color (10' only)	.85 NRC (composite system value)*	ASTM E84 Class A (fabric only)
<b>FLEX</b>	10' & 16'	100% polyester	White Color matched to any Pantone or paint chip color (10' only)	.85 NRC (composite system value)*	ASTM E84 Class A (fabric only)
<b>PREMIUM</b>	10' & 16'	100% polyester	White, Ivory & Off-white Color matched to any Pantone or paint chip color (10' only)	.85 NRC (composite system value)*	ASTM E84 Class A (fabric only)
<b>ECO</b>	10'	94% Repreve Polyester 6% spandex	Natural - available for custom dyeing	.80 NRC (composite system value)**	ASTM E84 Class A (fabric only)

\* Test values include FabriTRAK®, infill and fabric.

\*\* Test values include GeoTRAK®, TerraCORE Poly™ and FabriSPAN® Eco fabric. For more acoustic and fire test information, please visit [www.fabritrak.com](http://www.fabritrak.com).



# FABRIPRINT™

## THE POWER OF DIGITAL ART; THE STRENGTH OF ACOUSTICS

Custom art printed on FabriSPAN® Premium fabric and installed with FabriTRAK wall system trak and infill.

### Custom printed acoustic art panels

**FabriPRINT™** by FabriTRAK® Systems Inc is a unique product that effectively combines acoustic performance and artistic imagery, transforming an acoustic wall or ceiling into a work of art, and art works into a beautiful sound solution. **FabriPRINT™** is available in both **FabriART™** and **FabriPATTERN™** solutions. **FabriART™** is a unique art installation – whereby art is printed on fabric. **FabriPATTERN™** incorporates a repeated image printed on fabric and installed to achieve a continuous look in a space. **FabriPRINT™** may be applied to curved or straight walls and ceilings, all benefiting from enhanced acoustic performance.

### Exceptional Design for Every Taste

With limitless design opportunities, including classic and contemporary art, photography, corporate and sports team logos, commissioned projects or repeated patterns, **FabriPRINT™** provides the perfect solution to acoustic problems. **FabriPRINT™** is currently available on a variety of our FabriSPAN® fabrics for either **FabriART™** or **FabriPATTERN™** projects.

### Add an artistic touch

Art can work to stimulate creativity, engage the community, encourage action and enhance the atmosphere. Good design communicates the sense of space, how it looks as well as how it sounds. Whether digital graffiti art on fabric or the company logo, make the space 'sound' like you. The seamless look of our acoustic art panels allows the perfect blend of creativity and purpose to any business or residence.

### Maximize the sound potential and artistic creativity

Designers are afforded the flexibility to showcase photographers, artists and themes – such as logos, seasonal décor or trending color palates. **FabriART™** and **FabriPATTERN™** panels can also delineate space and highlight public and private areas in a subtle and attractive way.

### Custom Art Properties and Values

WIDTH	10' WIDE WIDTH FABRICS AVAILABLE	FabriSPAN® Classic, Flex, Premium, Stretch, Weave, Waterfall
	16' ULTRA WIDE WIDTH FABRICS AVAILABLE	FabriSPAN® Flex
ACOUSTICAL TESTING*		85 N.R.C. (Composite System Value)
FIRE TESTING*		ASTM E84 Class A ( Composite System Test)

\* Test values include FabriTRAK, infill and printed fabric. ASTM Tests available on [www.fabritrak.com](http://www.fabritrak.com).

