



POLY-COUSTIX®  
BY SOUND SEAL



**PET** | Polyester Acoustical Products

# PET | Polyester Acoustical Products

PLEX BOARD™

VERTEX BAFFLE™

VERTEX SLIM™

STRATUX CLOUD™

TETRIX™

TETRIX-AIR™

TRI-HEX™

OPTIX PANEL™

OPTIX SCREEN™

## Acoustical Design Beyond Expectation.

Our Poly-Coustix™ line of PET products is the perfect combination of innovative design and quality acoustical performance. With multiple color and configuration options, there are endless creative solutions for your space.



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Color Chart and Optix Panel/Screen Pattern Options Shown on Back Inside Cover.



# PLEX BOARD™

## FEATURES:

- Resists Mold, Mildew & Bacteria
- High Tackability
- Impact Resistant
- Hypo Allergenic, Dust-Free & Formaldehyde-Free
- Easy to Handle & Simple to Apply

## COMPOSITION:

- 100% Polyethylene Terephthalate (PET)
- 55% Recycled Content

## ENVIRONMENTAL FACTORS:

- 100% Recyclable
- Low VOC Emissions
- LEED - MRc4

## SPECIFICATIONS:

Standard Board Size: 48" x 96" \*\*

Thickness Options: 9mm, 12mm

Weight: 9mm: .27 lbs/SF, 12mm: .44 lbs/SF

Fire Rating: Class A per ASTM E-84, based on 9mm white

\*\* Board Size 48" x 95-1/4" #30 Blue, #41 Marigold, #35 Speckled Earth & #34 Pure Gray

## ACOUSTICAL DATA

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
9mm Thickness	.04	.04	.16	.40	.63	.82	.30
9mm w/ 2" Air Gap	.07	.13	.42	.79	.89	.76	.55
9mm w/ 4" Air Gap	.14	.32	.73	.92	.72	.88	.65
18mm Thickness	.05	.12	.39	.74	.95	1.04	.55

9mm is tested as Type "A" Mounting, 9mm w/ 2" gap is tested as Type "F-50" Mounting, 9mm w/ 4" gap is tested as Type "F-100" Mounting, 18mm is tested as Type "A" Mounting



# VERTEX BAFFLE™

## FEATURES:

- Easy Install
- Choice of 35 Colors
- Lightweight and Easy to Handle
- Linear Layout
- Modern Design
- Excellent Acoustical Values
- 4' and 8' Lengths
- Custom Sizes Available

## SPECIFICATIONS

Standard Baffle Sizes (WxH):	48"x 12", 48"x 16", 48"x 24" 96"x 12", 96"x 16", 96"x 24"
Thickness:	2-3/4"
Weight:	1.5 lbs/SF
Fire Rating:	Class A per ASTM E-84

## HARDWARE OPTIONS

Product can be installed with your choice of either aircraft cable or threaded rod attachments.

## ACOUSTICAL DATA

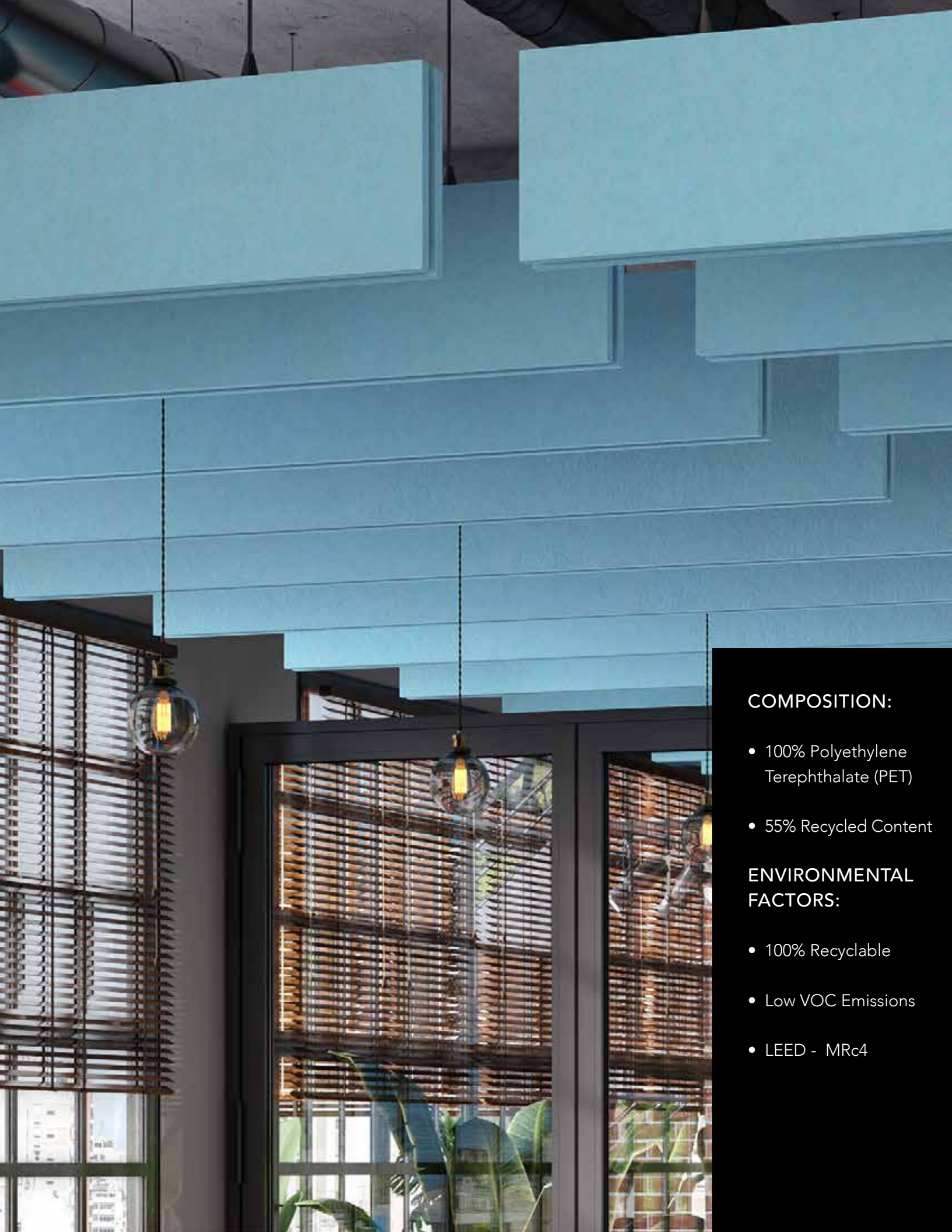
Frequency (Hz)	125	250	500	1000	2000	4000	SABINS
2-3/4" Thickness	2.94	4.45	7.05	10.62	12.61	13.64	

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
2-3/4" Thickness	.38	.57	.90	1.36	1.61	1.74	1.10

Based on Baffle size 4' x 2' with Type "J" Mounting. Sabins are based on Sabins per Object, NRC is an equivalent number based on one face of one panel



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#### COMPOSITION:

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#### ENVIRONMENTAL FACTORS:

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- Low VOC Emissions
- LEED - MRc4

# VERTEX SLIM™

## FEATURES:

- Easy Install
- Choice of 35 Colors
- Lightweight and Easy to Handle
- Linear Layout
- Modern Design
- Excellent Acoustical Values
- Available in straight or wavy bottom
- Custom Sizes Available

## SPECIFICATIONS

Standard Baffle Sizes (WxH):	48"x 12", 48"x 16", 48"x 24" 96"x 12", 96"x 16", 96"x 24"
Thickness:	9 mm
Weight:	.5lbs. per square foot
Fire Rating:	Class A per ASTM E-84
Design:	Straight or Wavy Bottom Edge

## HARDWARE OPTIONS

Product can be installed with your choice of either aircraft cable or threaded rod attachments.

## ACOUSTICAL DATA

Frequency (Hz)	125	250	500	1000	2000	4000	SABINS
9 mm Thickness	1.17	1.40	2.17	3.39	4.89	5.74	

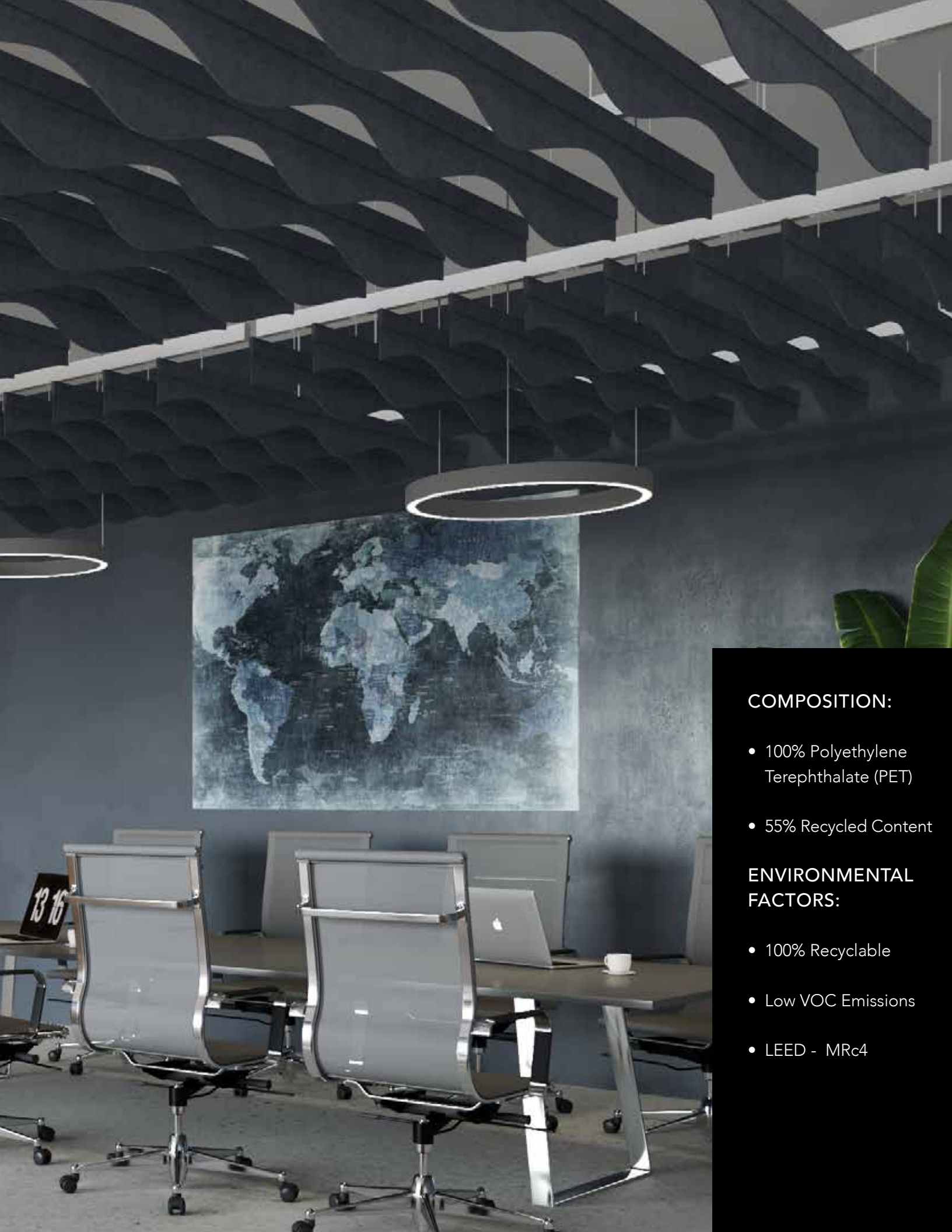
Frequency (Hz)	125	250	500	1000	2000	4000	NRC
9 mm Thickness	.29	.35	.54	.85	1.22	1.44	.75

Based on Baffle size 4' x 2' with Type "J" Mounting. Sabins are based on Sabins per Object, NRC is an equivalent number based on one face of one panel



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#### COMPOSITION:

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- 55% Recycled Content

#### ENVIRONMENTAL FACTORS:

- 100% Recyclable
- Low VOC Emissions
- LEED - MRc4

# STRATUX CLOUD™

## FEATURES:

- Easy Install
- Choice of 35 Colors
- Available in Circles and Squares

## SPECIFICATIONS

Standard Cloud Sizes: 47" Diameter Circle or 47"x 47" Square  
Thickness: 2-3/4"  
Weight: 15 lbs./Cloud  
Fire Rating: Class A per ASTM E-84

## HARDWARE OPTIONS

Product can be installed with your choice of either aircraft cable or threaded rod attachments.

## ACOUSTICAL DATA

Frequency (Hz)	125	250	500	1000	2000	4000	SABINS
2-3/4" Thickness	8.03	11.24	16.21	23.43	27.08	29.63	

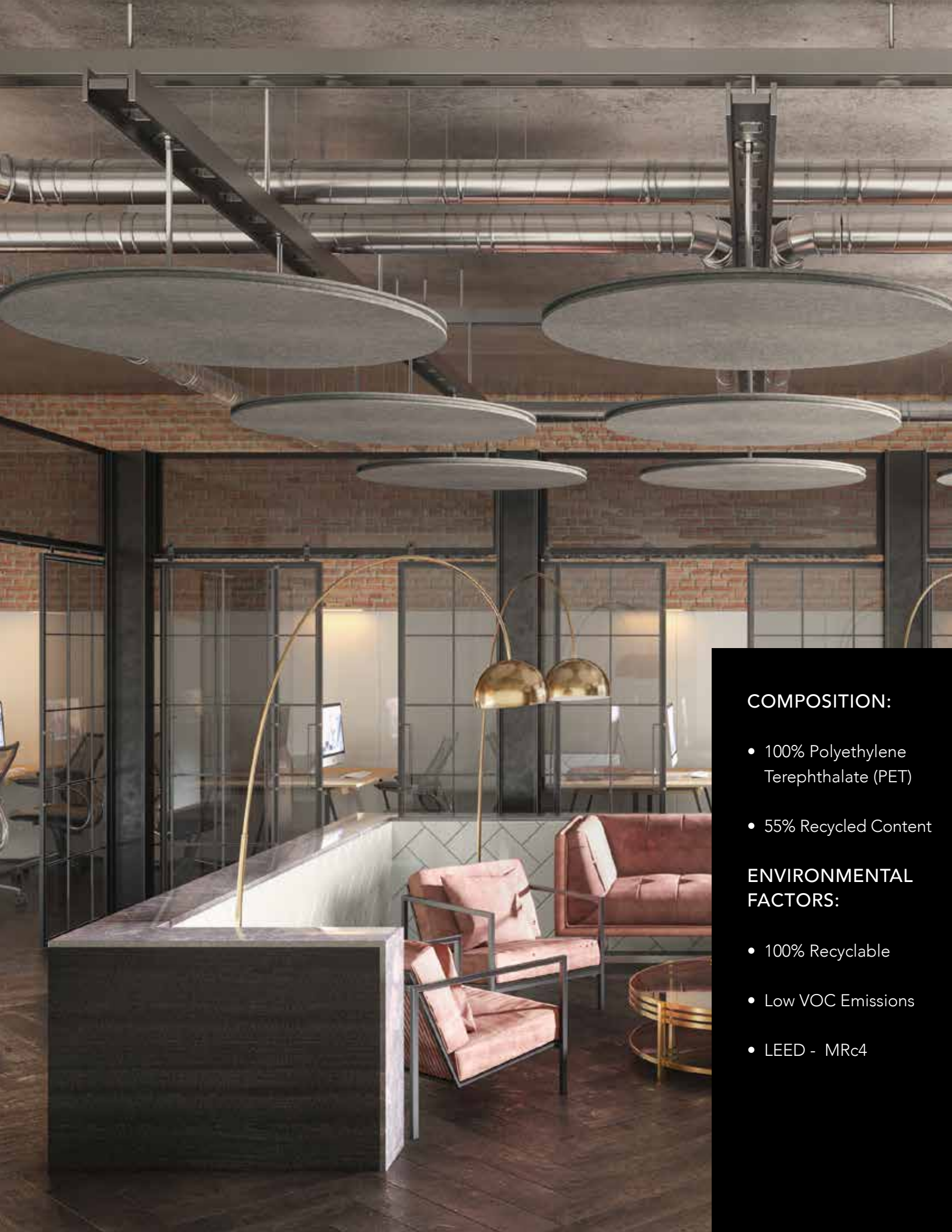
Frequency (Hz)	125	250	500	1000	2000	4000	NRC
2-3/4" Thickness	.53	.74	1.06	1.54	1.77	1.94	1.30

Based on Cloud size 4' x 4' with Type "J" Mounting. Sabins are based on Sabins per Object, NRC is an equivalent number based on one face of one panel



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#### COMPOSITION:

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- 55% Recycled Content

#### ENVIRONMENTAL FACTORS:

- 100% Recyclable
- Low VOC Emissions
- LEED - MRc4

# OBLIX™

## FEATURES:

- Choice of 35 Colors
- Lightweight and Easy to Handle
- Modern Design
- Excellent Acoustical Values
- Repeatable Pattern

## SPECIFICATIONS

Standard Baffle Size (LxWxH): 47" x 47" x 12"  
Weight: 16 lbs.  
Fire Rating: Class A per ASTM E-84

## HARDWARE OPTIONS

Product can be installed with aircraft cable

## ACOUSTICAL DATA

Frequency (Hz)	125	250	500	1000	2000	4000	SABINS
Oblix	1.17	11.31	15.60	21.20	28.71	33.39	

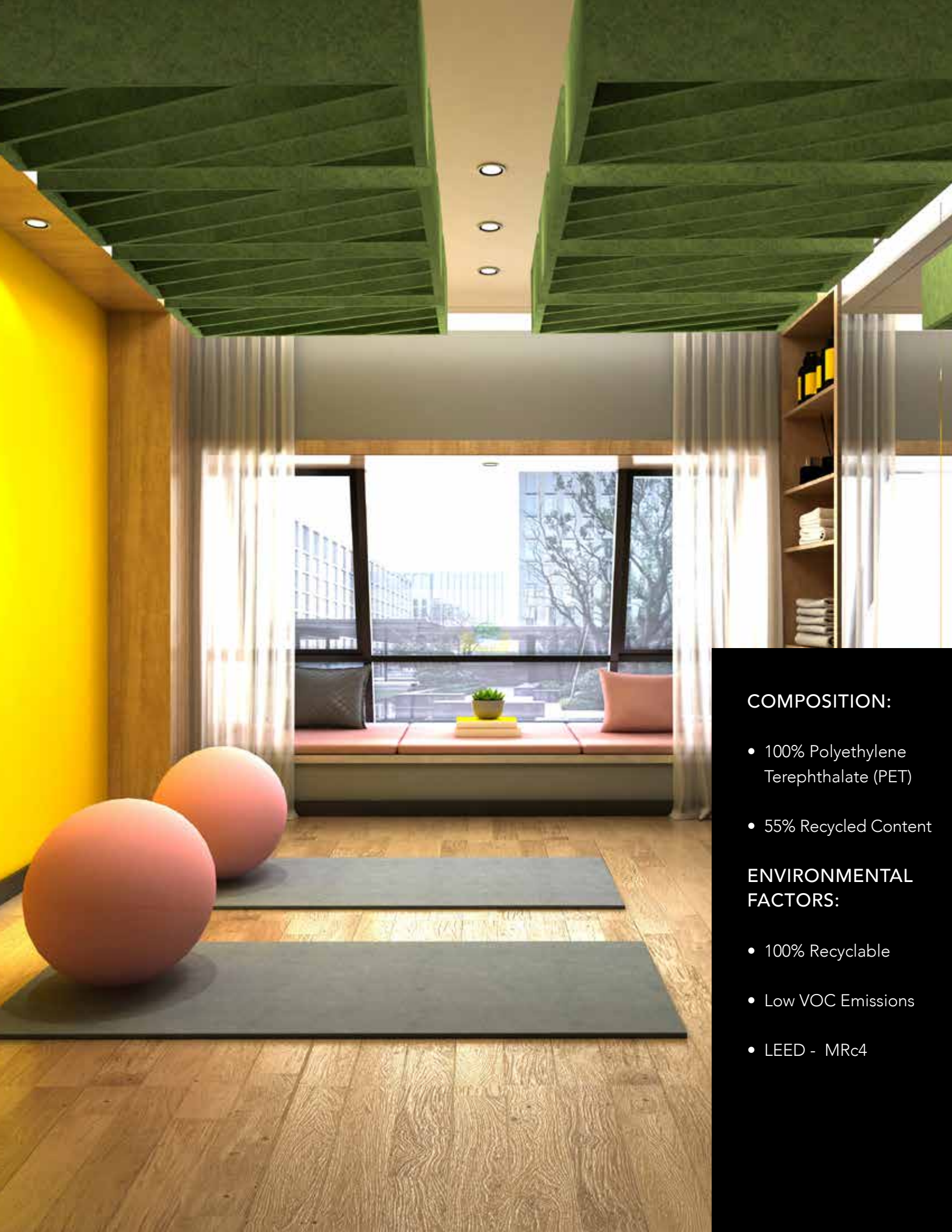
Frequency (Hz)	125	250	500	1000	2000	4000	NRC
Oblix	.43	.74	1.02	1.38	1.87	2.18	1.25

Based on Baffle size 4' x 4' with Type "J" Mounting. Sabins are based on Sabins per Object, NRC is an equivalent number based on one face of one panel



**POLY-COUSTIX®**  
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#### COMPOSITION:

- 100% Polyethylene Terephthalate (PET)
- 55% Recycled Content

#### ENVIRONMENTAL FACTORS:

- 100% Recyclable
- Low VOC Emissions
- LEED - MRc4



# TETRIX™

## FEATURES:

- Quick and Easy Installation
- Lightweight and Easy to Handle
- Choice of 35 Colors
- Chamfered Edge Detail

## SPECIFICATIONS

Panel Sizes:	23-1/2" x 23-1/2" or 23-1/2" x 47"
Thickness:	9mm
Edge Detail:	Chamfered
Weight:	.25 lbs/SF
Fire Rating:	Class A per ASTM E-84

## INSTALL METHODS:

Construction Panel Adhesive, Carpet Glue or Nail Clips with Adhesive

## ACOUSTICAL DATA

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
9mm Thickness	.04	.04	.16	.40	.63	.82	.30

Tested as Type "A" Mounting





#### COMPOSITION:

- 100% Polyethylene Terephthalate (PET)
- 55% Recycled Content

#### ENVIRONMENTAL FACTORS:

- 100% Recyclable
- Low VOC Emissions
- LEED - MRc4

# TERIX- AIR™

## FEATURES:

- Quick and Easy Installation with Hidden Access Panel
- Acoustical Felt
- Core designed with Air Cavity for Maximum Sound Absorption
- Choice of 35 Colors
- Multiple Size Configurations

## SPECIFICATIONS

Panel Sizes:	10-1/2" x 10-1/2"
	21" x 10-1/2"
	21" x 21"
	42" x 21"
	42" x 42"
Thickness Options:	27mm, 36mm
Weight:	27mm: .30 lbs/SF, 36mm: .41 lbs/SF
Fire Rating:	Class A per ASTM E-84

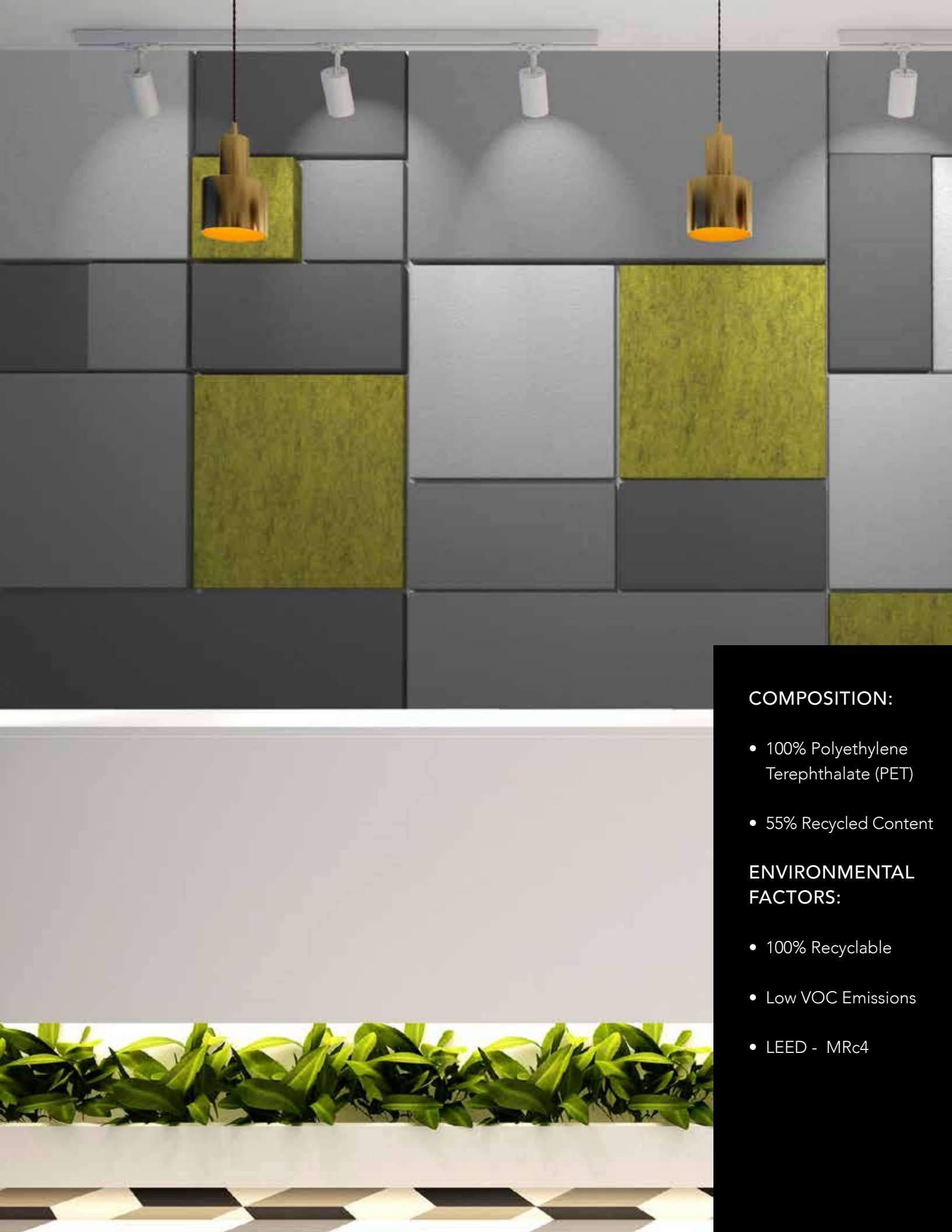
## ACOUSTICAL DATA

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
27mm Thickness	.06	.12	.28	.61	.91	.99	.50

Tested as Type "A" Mounting







#### COMPOSITION:

- 100% Polyethylene Terephthalate (PET)
- 55% Recycled Content

#### ENVIRONMENTAL FACTORS:

- 100% Recyclable
- Low VOC Emissions
- LEED - MRc4

# TRI-HEX™

## FEATURES:

- Design Friendly Felt Material
- Choice of 35 Colors
- Quick-Mount Installation
- Multiple Configurations

## SPECIFICATIONS

Standard Panel Size:	13" x 15"
Thickness:	3/4"
Weight:	1 lb./Tile
Fire Rating:	Class A per ASTM E-84

## INSTALL METHODS

Construction Panel Adhesive or Carpet Glue

## ACOUSTICAL DATA

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
3/4" Thickness	.03	.07	.29	.60	.76	.86	.45

Tested as Type "A" Mounting



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#### COMPOSITION:

- 100% Polyethylene Terephthalate (PET)
- 55% Recycled Content

#### ENVIRONMENTAL FACTORS:

- 100% Recyclable
- Low VOC Emissions
- LEED - MRc4



# OPTIX PANEL™

## FEATURES:

- Easy Install
- Choice of 35 Colors
- Variety of Solid and Pattern Sections
- Lightweight and Easy to Handle
- Panels can be Stationary or Moveable
- Other Sizes Available

## OPTIX PANELS™ ARE A GREAT WAY TO:

- Divide a Space
- Creatively Add Acoustical Absorption
- Personalize Your Space
- Add Privacy

## SPECIFICATIONS

Standard Panel Size:	47"x 95"
Thickness:	9mm
Weight:	10 lbs/Panel
Fire Rating:	Class A per ASTM E-84

## INSTALL METHOD

Hardware can be installed via your choice of aircraft cable/wire or threaded rod.

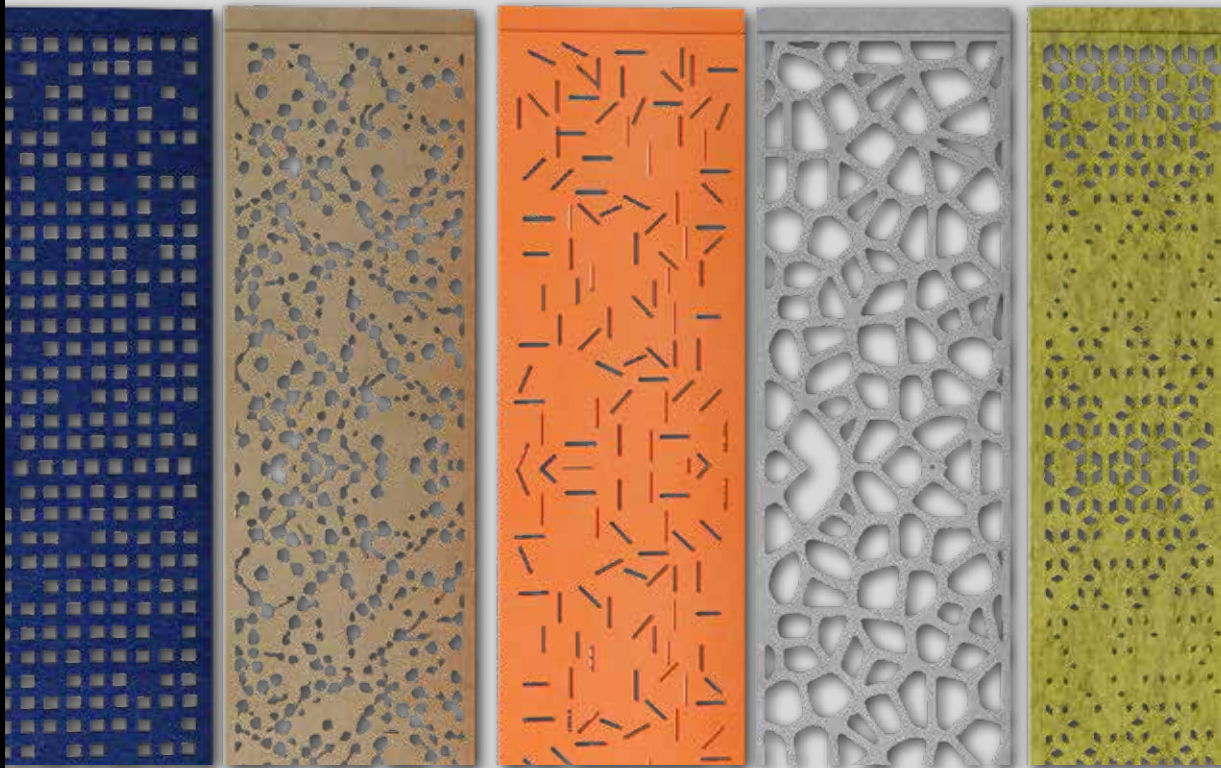
## HARDWARE INCLUDED

Product comes with strips top and bottom and embedded hardware.

## ACOUSTICAL DATA

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
9mm Thickness	.29	.35	.54	.85	1.22	1.44	.75

Tested as a Type "J" Mounting. Based on panel size 4'x1'. NRC is an equivalent number based on one face of one panel. Based on solid panels with no patterns.





#### COMPOSITION:

- 100% Polyethylene Terephthalate (PET)
- 55% Recycled Content

#### ENVIRONMENTAL FACTORS:

- 100% Recyclable
- Low VOC Emissions
- LEED - MRc4



# OPTIX SCREEN™

## FEATURES:

- Completely Portable
- Black or White Frame
- Choice of 35 Colors
- Variety of Solid and Pattern Sections
- Choice of Stationary Feet or Castors for Easy Mobility

## SPECIFICATIONS

Standard Screen Sizes: (with Stationary Feet)	47"x 38", 47"x 56-1/2", 47"x 75", 47"x 94"
Standard Screen Sizes: (with Castors)	47"x 40-3/4", 47"x 59-1/2", 47"x 77-3/4"
Thickness:	2-3/4"
Weight:	47"x 75" - 36 lbs/with frame
Fire Rating:	Class A per ASTM E-84

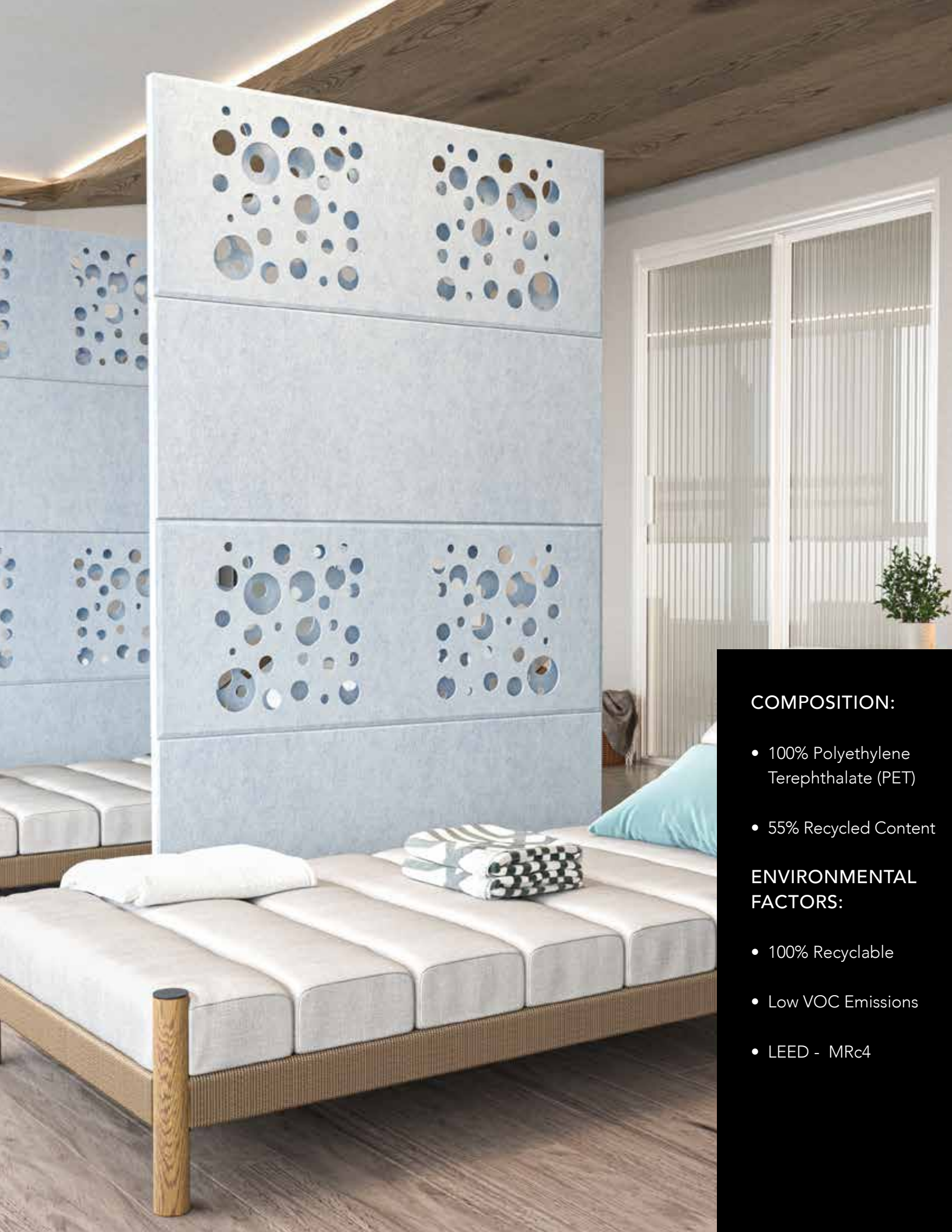
## ACOUSTICAL DATA

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
2-3/4" Thickness	.29	.40	.54	.73	.87	.90	.65

Tested as Type "K" Mounting. Based on solid panels with no patterns.







#### COMPOSITION:

- 100% Polyethylene Terephthalate (PET)
- 55% Recycled Content

#### ENVIRONMENTAL FACTORS:

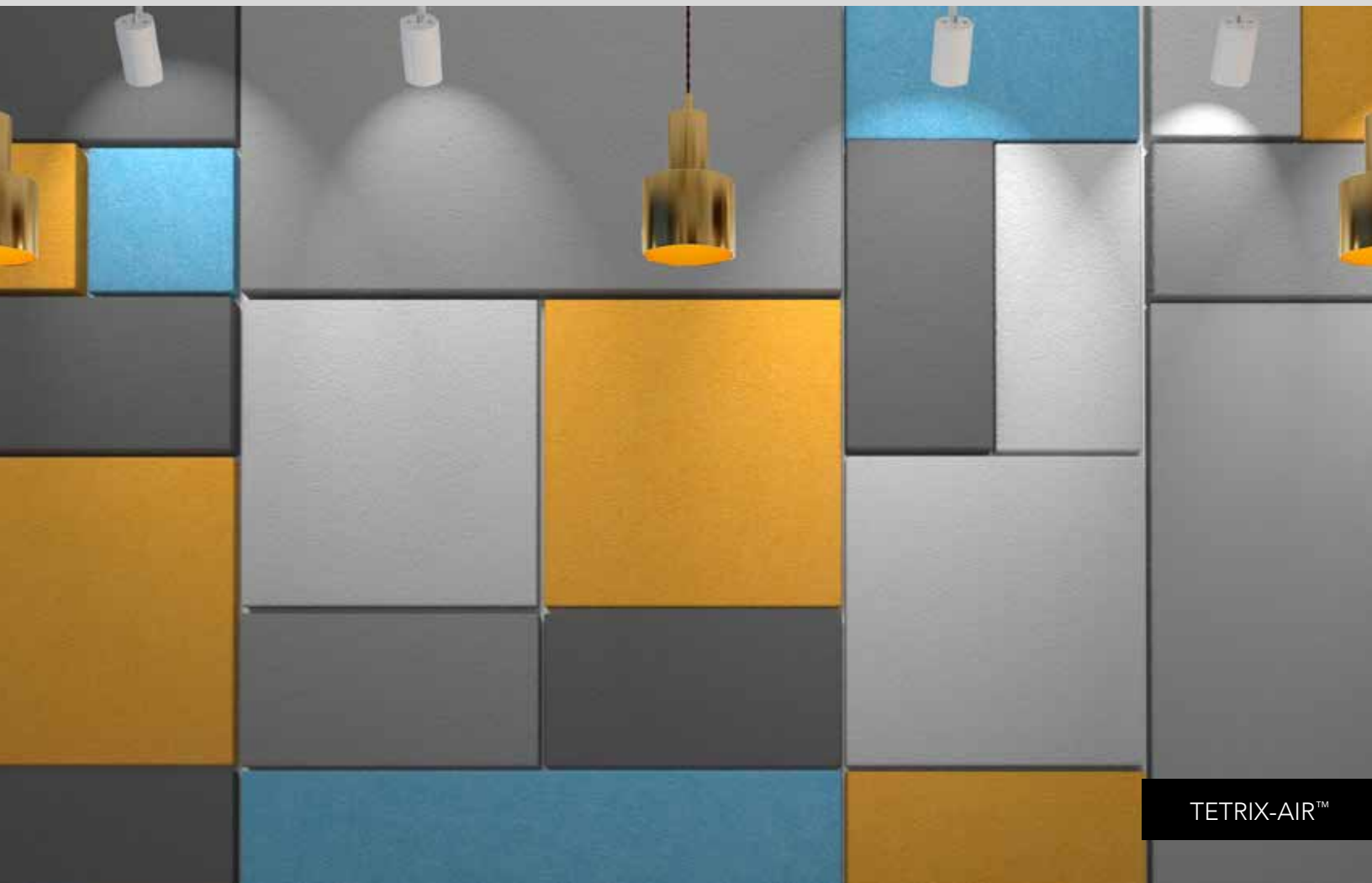
- 100% Recyclable
- Low VOC Emissions
- LEED - MRc4



TRI-HEX™



OPTIX PANEL™



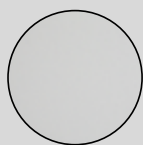
TETRIX-AIR™







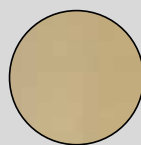
# 9mm COLORS



07  
White



44  
Ivory



42  
Cream



52  
Latte



02  
Taupe



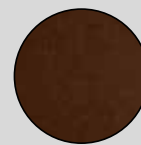
53  
Smoke Beige



06  
City Brown



35  
Speckled Earth



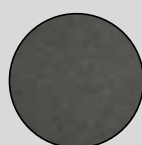
49  
Brunette



54  
Espresso



03  
Light Gray



34  
Pure Gray



17  
Dark Gray



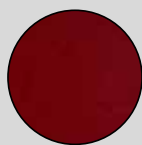
10  
True Black



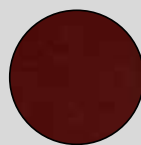
11  
Steel



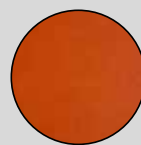
43  
Lava



45  
Big Red



36  
Berry Red



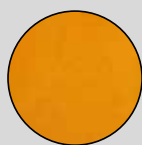
55  
Tangerine



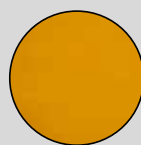
41  
Marigold



50  
Caramel



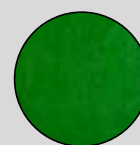
51  
Sunkist Orange



22  
Yellow



39  
Green Apple



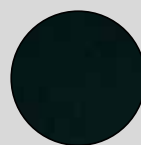
05  
Dark Green



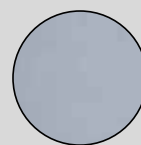
12  
Moss



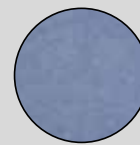
48  
Avocado



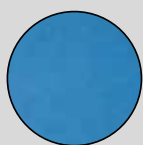
47  
Emerald



18  
Arctic Ice



30  
Blue



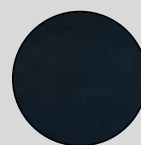
56  
Azure



19  
Denim



21  
Indigo Blue



09  
Deep Blue



08  
Eggplant



POLY-COUSTIX®  
BY SOUND SEAL



02  
Taupe



06  
City Brown



03  
Light Gray

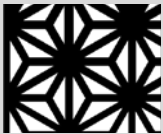


34  
Pure Gray



17  
Dark Gray

## 12mm COLORS



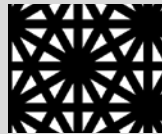
01  
Flowers



02  
Diamonds



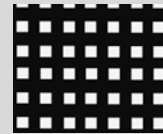
03  
Triangles



06  
Snowflake



07  
Squares 1.0



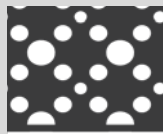
08  
Squares 2.0



12  
Bubble Bath



14  
Bubble 1.0



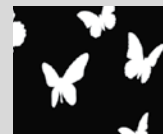
15  
Bubble 2.0



16  
Polka Dots



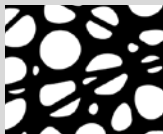
17  
Raining Dots



18  
Butterfly 1.0



26  
Cobblestone  
1.0



27  
Cobblestone  
2.0



28  
Splash



29  
Matchsticks



30  
Falling  
Diamonds



31  
Horizons



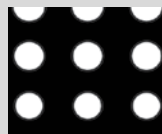
09  
Squares Less



10  
Swiss Much



11  
Swiss Less



12  
Gradient  
Dots



32  
Matrix 1.0



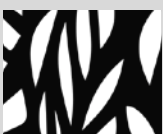
23  
Fire  
Lily



19  
Butterfly 2.0



20  
Bloom



21  
Falling Leaf

## PATTERNS OPTIX PANELS™ & OPTIX SCREENS™



# POLY-COUSTIX®

BY SOUND SEAL



ALL POLY-COUSTIX PRODUCTS  
ARE RoHS AND REACH COMPLIANT



A CATALYST ACOUSTICS GROUP COMPANY



[www.soundseal.com](http://www.soundseal.com)