

ACOUSTIC
FELT



FeltVibe®

3D DEEP ACOUSTIC

Thermoformed PET Felt Wall Panels

PRODUCT GUIDE

FROM FIBER TO FELT. FROM FELT TO SPACE.

CERTIFICATES & TEST STANDARDS

ACOUSTIC PERFORMANCE

TS EN ISO 354:2006

Measurement of sound absorption in a reverberation room

FIRE PERFORMANCE

EN 13501-1:2018

Classification of reaction to fire

ASTM E84

Surface burning characteristics of building materials

VOC & FORMALDEHYDE

EKOTEKS 54

Volatile Organic Compounds

ISO 14184-1:2011

Determination of formaldehyde

MATERIAL PERFORMANCE

ASTM D3574:2017 Determination of density

ISO 12947-2:2016

Martindale abrasion resistance

THERMAL PERFORMANCE

ISO 11092:2014

Thermal and water-vapour resistance

LIGHT FASTNESS

ISO 105-B02:2014

Colour fastness to artificial light

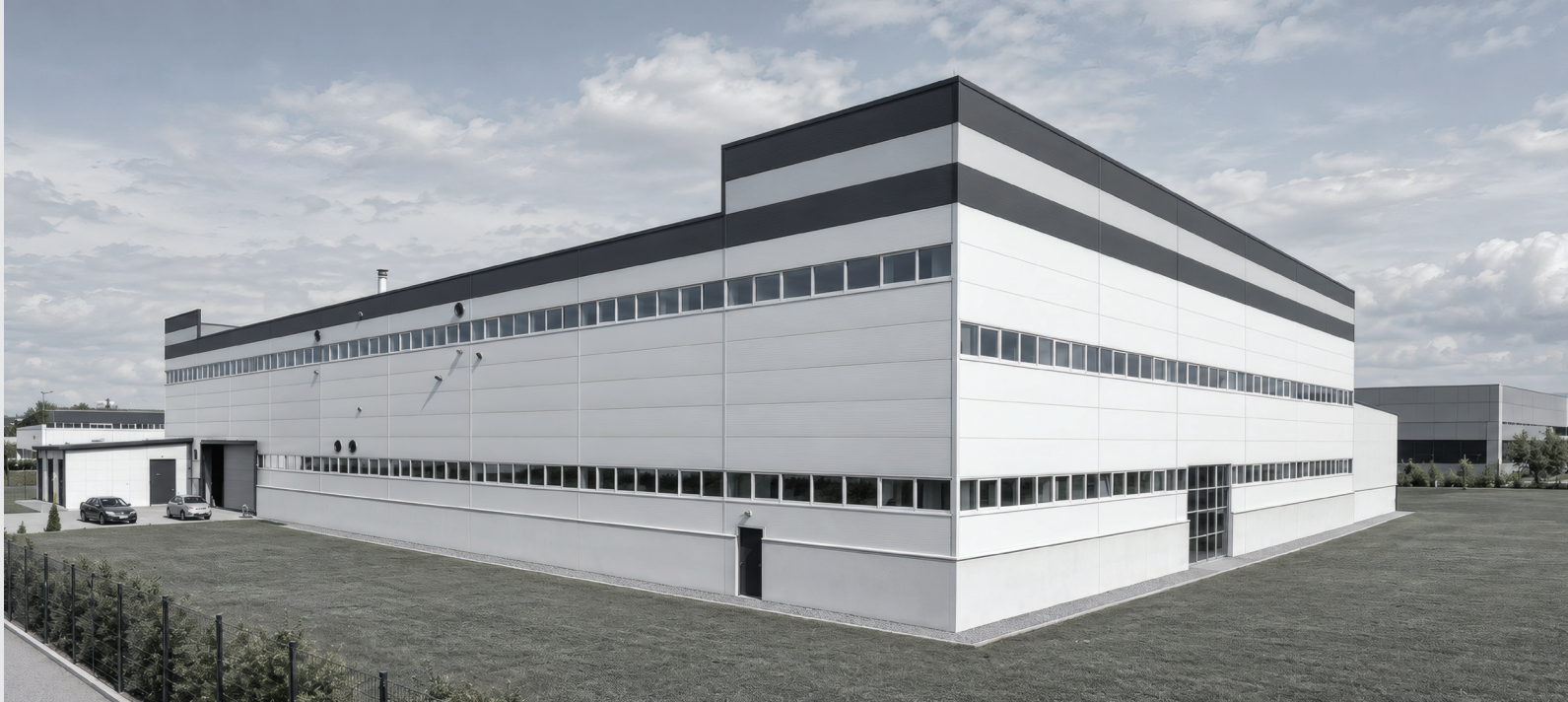
MATERIAL SAFETY

OEKO-TEX® STANDARD 100

WATER RESISTANCE

AATCC 35:2018

Water Resistance – Rain Test



ABOUT US

From Felt Manufacturing to Acoustic Design

Global Design. Local Manufacturing.

We are proud to design, develop and manufacture in Türkiye. More than 90% of our textile and acoustic products are produced locally, giving us greater control over quality, customization and production while allowing us to respond efficiently to the needs of projects around the world.

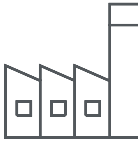
FeltVibe® is a manufacturer of PET felt and design-driven architectural acoustic solutions, combining extensive textile manufacturing experience with contemporary acoustic design and advanced production technologies.

Unlike brands that focus solely on finished acoustic products, our strength begins with the material itself. With our own manufacturing facilities and expertise in textile and non-woven technologies, we maintain greater control over material development, quality, color, performance and production flexibility. This integrated manufacturing capability enables us to develop both standard products and highly customized solutions for architectural projects.

Our PET felt is transformed into a wide range of acoustic and decorative applications, including wall panels, ceiling systems, baffles, dividers, acoustic lighting solutions and custom-designed architectural elements. The flexibility of the material allows us to offer extensive choices in color, form, dimensions, pattern and printing.

Supported by our R&D capabilities and a multidisciplinary team of industrial designers, product engineers and acoustic specialists, we work directly with architects, interior designers, fit-out companies and global brands from concept development through production.

BUSINESS OVERVIEW


3 Factories
in Gerede, Tuzla and Düzce


500
Employees

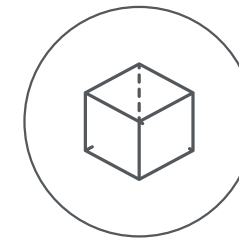

55,000 m²
Total Indoor
Production Area

3D DEEP ACOUSTIC

Thermoformed PET Felt Wall Panels

Thermoformed PET felt creates deep three-dimensional forms, combining sculptural wall design with high-performance sound absorption.

KEY FEATURES



DEEP 3D FORM

Sculptural forms with depths up to 70 mm.



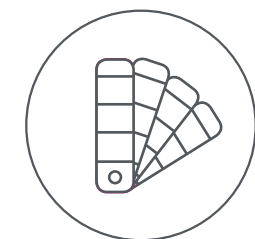
ACOUSTIC PERFORMANCE

Designed for effective sound absorption and improved acoustic comfort.



CLASS A PERFORMANCE

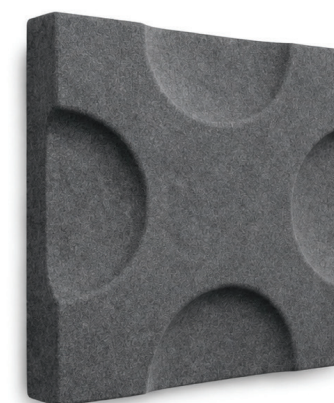
Up to Class A sound absorption.



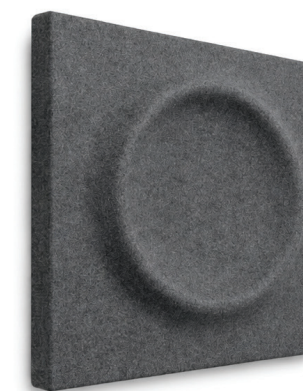
DESIGN FLEXIBILITY

Modular forms, multiple colors and flexible configurations for distinctive interior applications.

THE COLLECTION



MOONBASE
3DTERMO-01



CUP
3DTERMO-02



UNDRA
3DTERMO-02

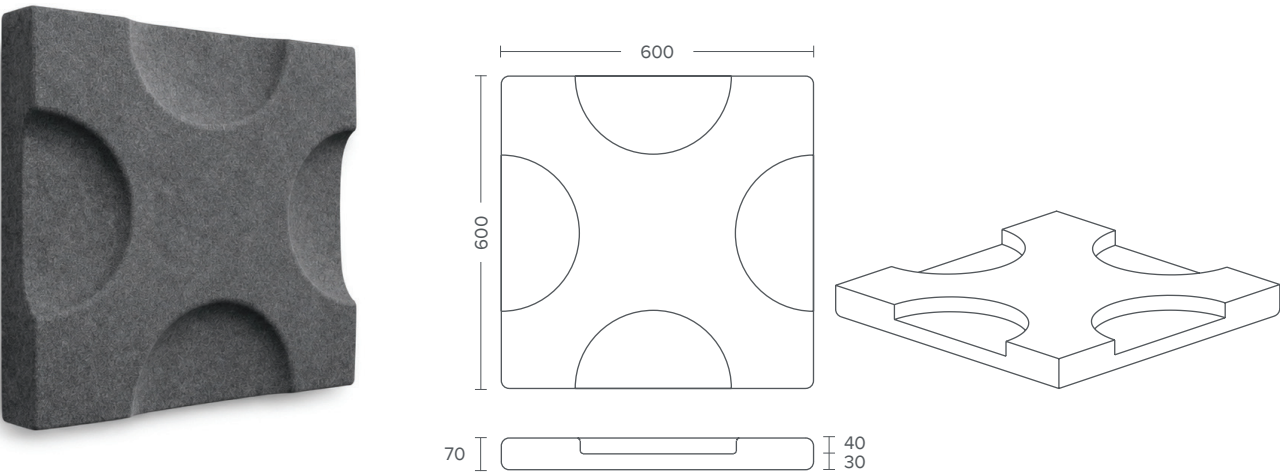
3D Deep Thermoformed PET Felt Wall Panels

High-Performance Acoustic Design with Added Depth The 3D Deep Acoustic PET Felt Wall Panel Collection offers decorative, high-performance acoustic solutions for interior spaces, delivering up to Class A sound absorption. With its wide colour range, the collection enables flexible and visually striking design applications.

Thanks to their lightweight structure, the panels are easy to install, reposition, and reuse in different layouts. Smart mounting options make it simple to change colours over time and adapt configurations to suit evolving needs.

MOONBASE

Thermoformed PET Felt Wall Panels



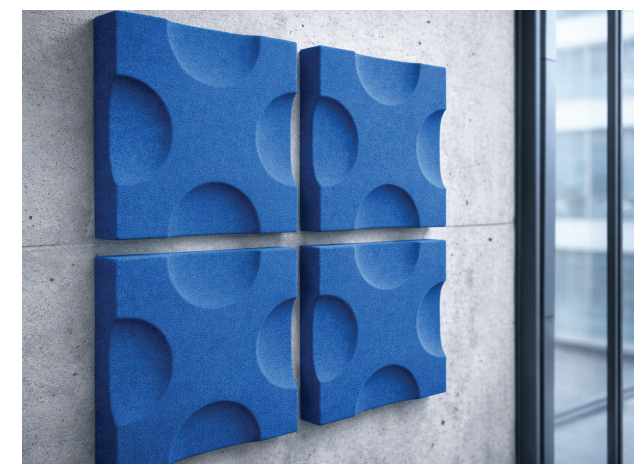
SPECIFICATIONS	
MATERIAL	ARKETA: 100% PET, 60% recycled content ARKETA ECOCO: 100% recycled PET
DIMENSIONS	600 × 600 × 70 mm
THICKNESS & WEIGHT	ARKETA: 6 mm (±0.5 mm) 1500 g/m² (±10%) ARKETA ECOCO: 6 mm (±0.5 mm) 1500 g/m² (±10%) ICHOS: 6 mm (±0.5 mm) 1500 + 200 g/m² (±10%)
ACOUSTIC PERFORMANCE	NRC: 0.80 (directly on the wall) NRC: 1.00 (directly mounted on wall + additional backing felt layer)
FIRE PERFORMANCE	EN 1021-1: Cigarette test EN 13501-1 (SBI): Class B-s1,d0 (adhered)
LIGHT FASTNESS GRADE	4+ (ISO 105-B02)
ENVIRONMENT	Low VOC emissions; formaldehyde-free; phenol-free; OEKO-TEX® Class 1; phthalate-free
CLEANNING	Vacuum regularly. Professionally dry clean or wipe clean with a damp cloth

ACOUSTIC PROPERTIES

Mounting method	Directly on the wall	Directly mounted on wall + additional backing felt layer
NRC	0.80	1.00
α _w	0.70	1.00
Class	C	A

NRC = Noise reduction coefficient
α_w = Sound absorption coefficient

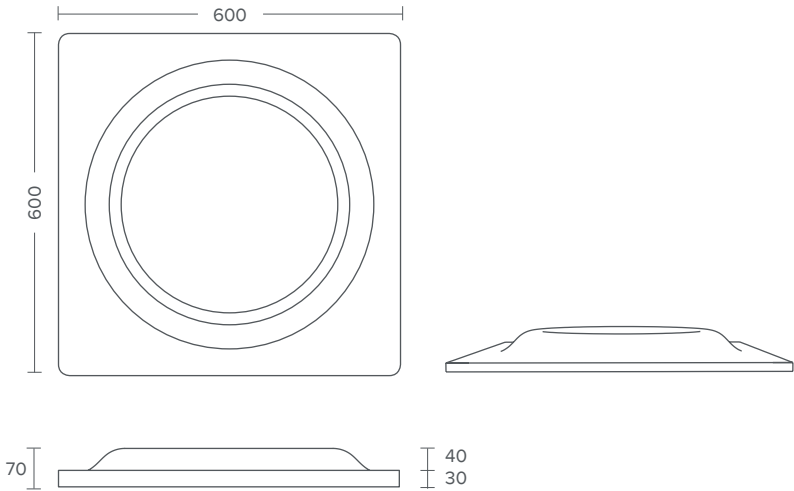
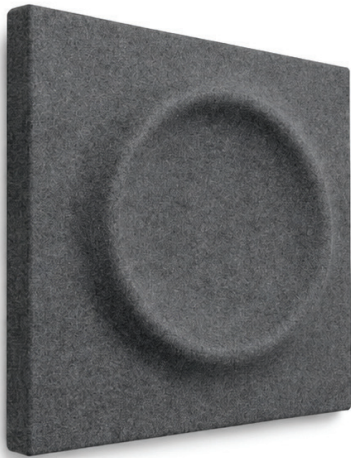






CAP

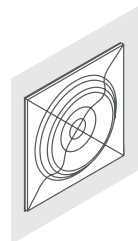
Thermoformed PET Felt Wall Panels



SPECIFICATIONS

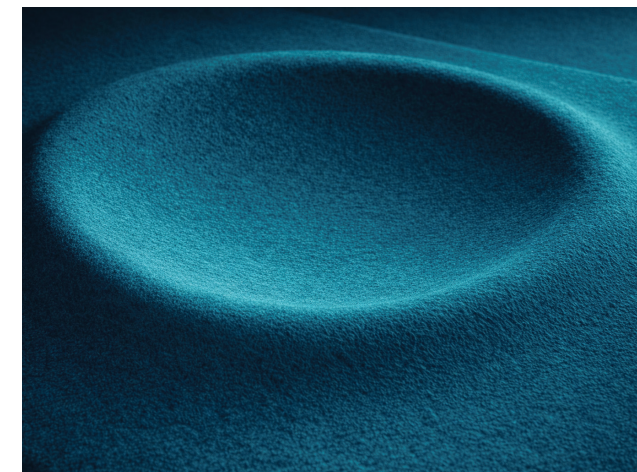
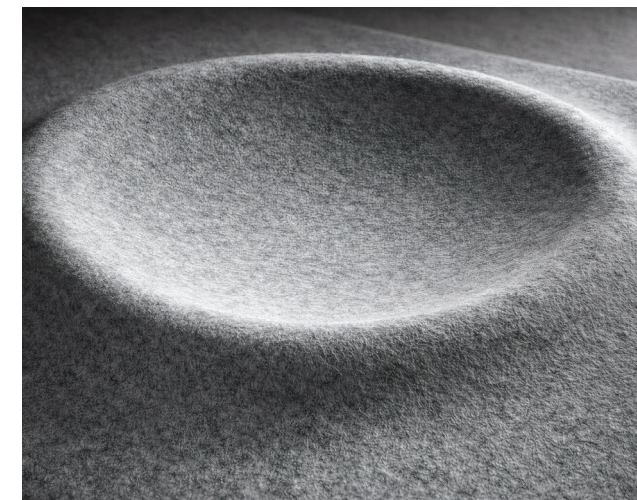
MATERIAL	ARKETA: 100% PET, 60% recycled content ARKETA ECOCO: 100% recycled PET
DIMENSIONS (MM)	600 × 600 × 30 mm
THICKNESS & WEIGHT	ARKETA: 12 mm (±0.5 mm) 2400 g/m ² (±10%) ARKETA ECOCO: 12 mm (±0.5 mm) 2400 g/m ² (±10%) ICHOS: 12 mm (±0.5 mm) 2400 + 200 g/m ² (±10%)
ACOUSTIC PERFORMANCE	NRC: 0.80 (directly on the wall) NRC: 1.00 (directly mounted on wall + additional backing felt layer)
FIRE PERFORMANCE	EN 1021-1: Cigarette test EN 13501-1 (SBI): Class B-s1,d0 (adhered)
LIGHT FASTNESS GRADE	4+ (ISO 105-B02)
ENVIRONMENT	Low VOC emissions; formaldehyde-free; phenol-free; OEKO-TEX® Class 1; phthalate-free
CLEANNING	Vacuum regularly. Professionally dry clean or wipe clean with a damp cloth

ACOUSTIC PROPERTIES

Mounting method	 Directly on the wall	 Directly mounted on wall + additional backing felt layer
NRC	0.80	1.00
α_w	0.70	1.00
Class	C	A

NRC = Noise reduction coefficient
 α_w = Sound absorption coefficient

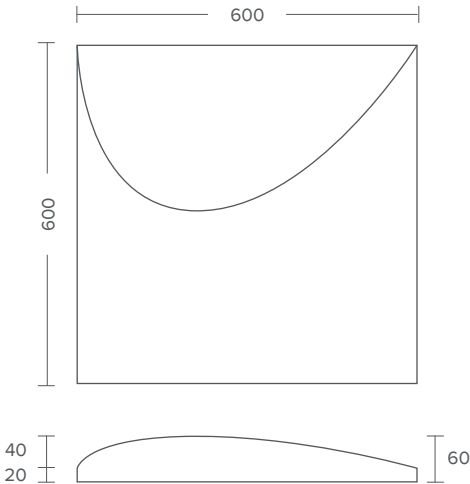






UNDRA

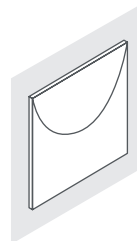
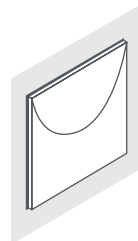
Thermoformed PET Felt Wall Panels



SPECIFICATIONS

MATERIAL	ARKETA: 100% PET, 60% recycled content
	ARKETA ECOCO: 100% recycled PET
DIMENSIONS	600 × 600 × 60 mm
THICKNESS & WEIGHT	ARKETA: 6 mm (±0.5 mm) 1500 g/m ² (±10%)
	ARKETA ECOCO: 6 mm (±0.5 mm) 1500 g/m ² (±10%)
	ICHOS: 6 mm (±0.5 mm) 1500 + 200 g/m ² (±10%)
ACOUSTIC PERFORMANCE	NRC: 0.80 (directly on the wall)
	NRC: 0.90 (directly mounted on wall + additional backing felt layer)
FIRE PERFORMANCE	EN 1021-1: Cigarette test
	EN 13501-1 (SBI): Class B-s1,d0 (adhered)
LIGHT FASTNESS GRADE	4+ (ISO 105-B02)
ENVIRONMENT	Low VOC emissions; formaldehyde-free; phenol-free; OEKO-TEX® Class 1; phthalate-free
CLEANNING	Vacuum regularly. Professionally dry clean or wipe clean with a damp cloth

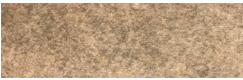
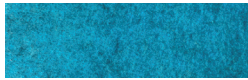
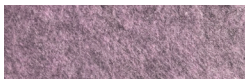
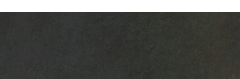
ACOUSTIC PROPERTIES

Mounting method	 Directly on the wall	 Directly mounted on wall + additional backing felt layer
NRC	0.80	0.90
α _w	0.70	0.95
Class	C	A

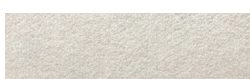
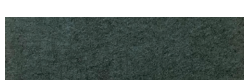
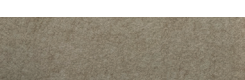
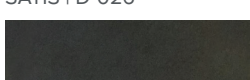
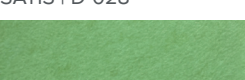
NRC = Noise reduction coefficient
α_w = Sound absorption coefficient



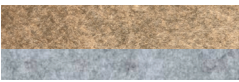
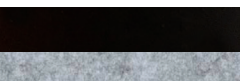
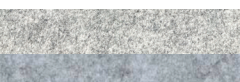
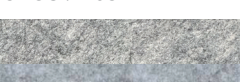
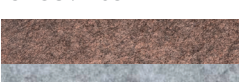
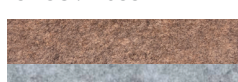
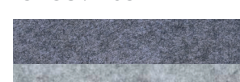
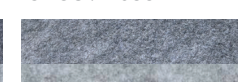
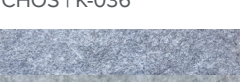
SATIS MELANGE PET FELT FABRICS COLLECTION

				
Golden Olive SATIS K-001	Rust Red SATIS K-002	Midnight Blue SATIS K-003	Fresh Green SATIS K-004	Berry Pink SATIS K-005
				
Emerald Green SATIS K-006	Natural Tan SATIS K-007	Caramel SATIS K-008	Copper Brown SATIS K-009	Turquoise Blue SATIS K-010
				
Charcoal Gray SATIS K-011	Violet Purple SATIS K-012	Soft Lavender SATIS K-013	Terracotta Rose SATIS K-014	Teal Green SATIS K-015
				
Stone Gray SATIS K-016	Natural Brown SATIS K-017	Silver Gray SATIS K-018	Warm Brown SATIS K-019	Cinnamon SATIS K-020
				
Forest Night SATIS K-021	Heather Gray SATIS K-022	Sage Gray SATIS K-023	Mahogany SATIS K-024	Sage Green SATIS K-025
				
Brick Red SATIS K-026	Deep Red SATIS K-027	Navy Blue SATIS K-028	Royal Blue SATIS K-029	Golden Brown SATIS K-030
				
Dark Olive SATIS K-031	Cognac Brown SATIS K-032	Muted Green SATIS K-033	Taupe SATIS K-034	Moss Green SATIS K-035
				
Medium Gray SATIS K-036	Mocha Brown SATIS K-037	Greige SATIS K-038	Denim Blue SATIS K-039	Cool Gray SATIS K-040
				
Blue Gray SATIS K-041				

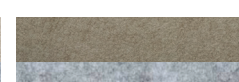
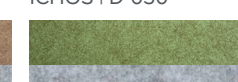
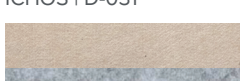
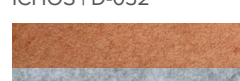
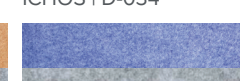
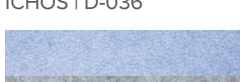
SATIS FLAT PET FELT FABRICS COLLECTION

				
Soft Yellow SATIS D-001	Burnt Orange SATIS D-002	Deep Navy SATIS D-003	Greenery SATIS D-004	Raspberry Pink SATIS D-005
				
Classic Green SATIS D-006	Light Apricot SATIS D-007	Ochre Orange SATIS D-008	Spicy Orange SATIS D-009	River Blue SATIS D-010
				
Raven SATIS D-011	Imperial Purple SATIS D-012	Lilac Purple SATIS D-013	Coral SATIS D-014	Teal Blue SATIS D-015
				
Warm Light Gray SATIS D-016	Camel Brown SATIS D-017	Slate Gray SATIS D-018	Caramel Tan SATIS D-019	Rust Brown SATIS D-020
				
Olive Gray SATIS D-021	Off White SATIS D-022	Beige Gray SATIS D-023	Burnt Sienna SATIS D-024	Pine Green SATIS D-025
				
Classic Red SATIS D-026	Crimson Pink SATIS D-027	Dark Blue SATIS D-028	Deep Blue SATIS D-029	Mustard Yellow SATIS D-030
				
Army Green SATIS D-031	Maple Brown SATIS D-032	Mint Green SATIS D-033	Stone Brown SATIS D-034	Olive Green SATIS D-035
				
Warm White SATIS D-036	Cork Brown SATIS D-037	Sand Beige SATIS D-038	Periwinkle Purple SATIS D-039	Dusty Blue SATIS D-040
				
Soft Blue SATIS D-041				

ICHOS MELANGE PET FELT PANEL COLLECTION

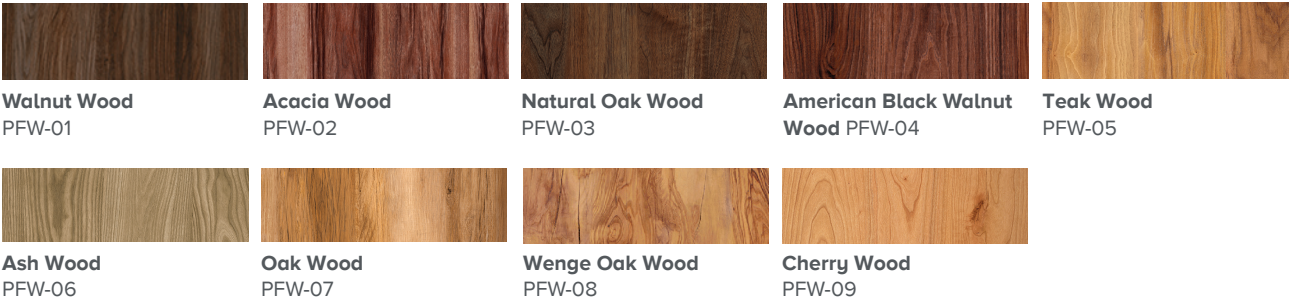
				
Golden Olive ICHOS K-001	Rust Red ICHOS K-002	Midnight Blue ICHOS K-003	Fresh Green ICHOS K-004	Berry Pink ICHOS K-005
				
Emerald Green ICHOS K-006	Natural Tan ICHOS K-007	Caramel ICHOS K-008	Copper Brown ICHOS K-009	Turquoise Blue ICHOS K-010
				
Charcoal Gray ICHOS K-011	Violet Purple ICHOS K-012	Soft Lavender ICHOS K-013	Terracotta Rose ICHOS K-014	Teal Green ICHOS K-015
				
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Brick Red ICHOS K-026	Deep Red ICHOS K-027	Navy Blue ICHOS K-028	Royal Blue ICHOS K-029	Golden Brown ICHOS K-030
				
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Medium Gray ICHOS K-036	Mocha Brown ICHOS K-037	Greige ICHOS K-038	Denim Blue ICHOS K-039	Cool Gray ICHOS K-040
				
Blue Gray ICHOS K-041				

ICHOS FLAT PET FELT PANEL COLLECTION

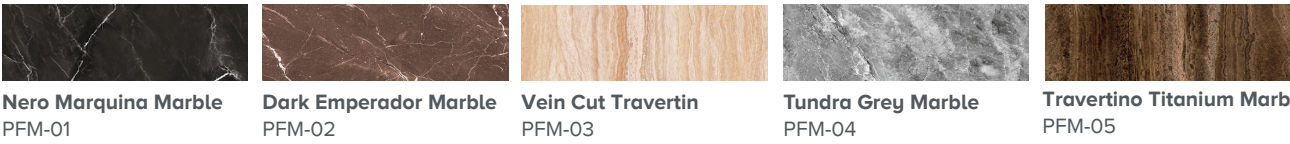
				
Soft Yellow ICHOS D-001	Burnt Orange ICHOS D-002	Deep Navy ICHOS D-003	Greenery ICHOS D-004	Raspberry Pink ICHOS D-005
				
Classic Green ICHOS D-006	Light Apricot ICHOS D-007	Ochre Orange ICHOS D-008	Spicy Orange ICHOS D-009	River Blue ICHOS D-010
				
Raven ICHOS D-011	Imperial Purple ICHOS D-012	Lilac Purple ICHOS D-013	Coral ICHOS D-014	Teal Blue ICHOS D-015
				
Warm Light Gray ICHOS D-016	Camel Brown ICHOS D-017	Slate Gray ICHOS D-018	Caramel Tan ICHOS D-019	Rust Brown ICHOS D-020
				
Olive Gray ICHOS D-021	Off White ICHOS D-022	Beige Gray ICHOS D-023	Burnt Sienna ICHOS D-024	Pine Green ICHOS D-025
				
Classic Red ICHOS D-026	Crimson Pink ICHOS D-027	Dark Blue ICHOS D-028	Deep Blue ICHOS D-029	Mustard Yellow ICHOS D-030
				
Army Green ICHOS D-031	Maple Brown ICHOS D-032	Mint Green ICHOS D-033	Stone Brown ICHOS D-034	Olive Green ICHOS D-035
				
Warm White ICHOS D-036	Cork Brown ICHOS D-037	Sand Beige ICHOS D-038	Periwinkle Purple ICHOS D-039	Dusty Blue ICHOS D-040
				
Soft Blue ICHOS D-041				

VIBE PRINT PET FELT PANEL COLLECTION

WOOD



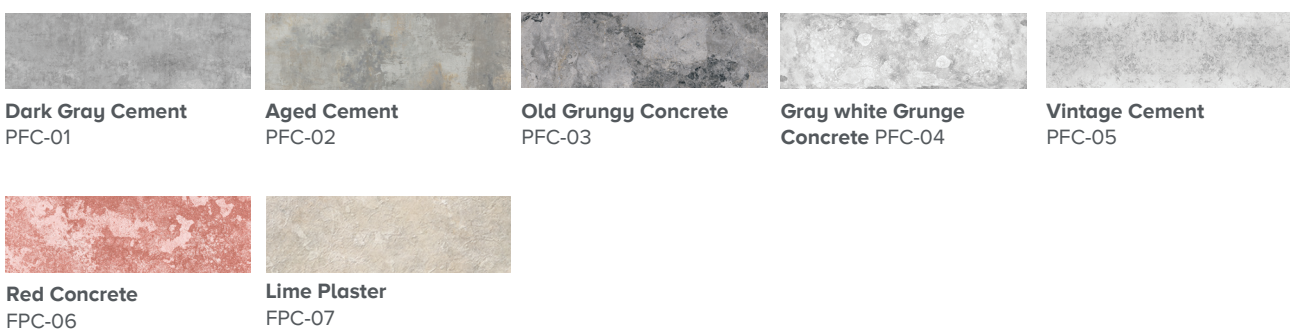
MARBLE



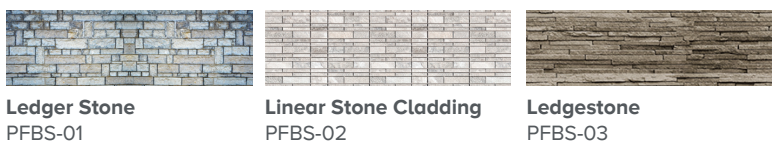
MICROCEMENT



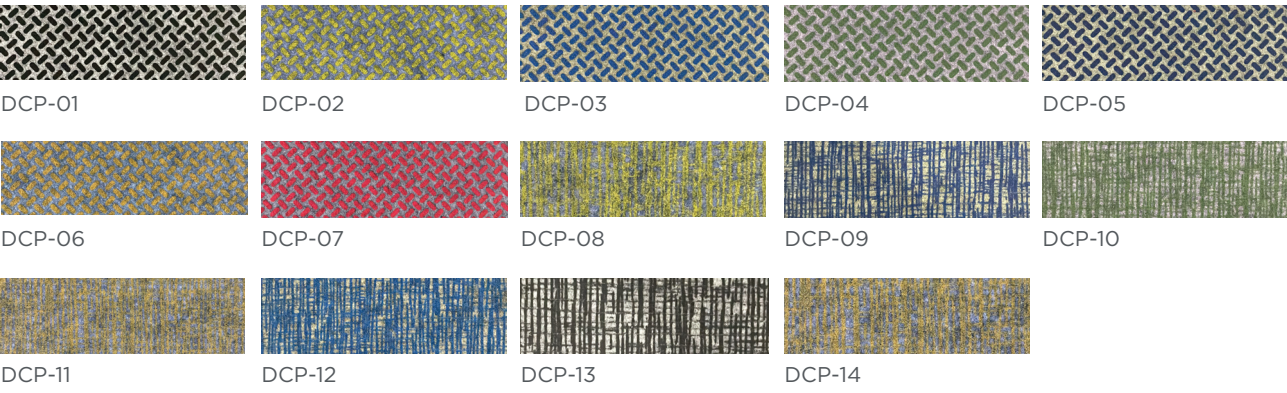
CEMENT



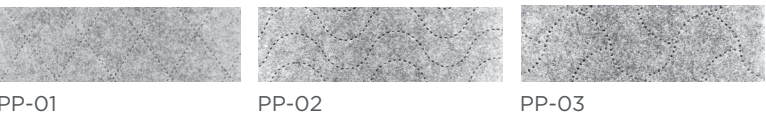
BRICK AND STONE



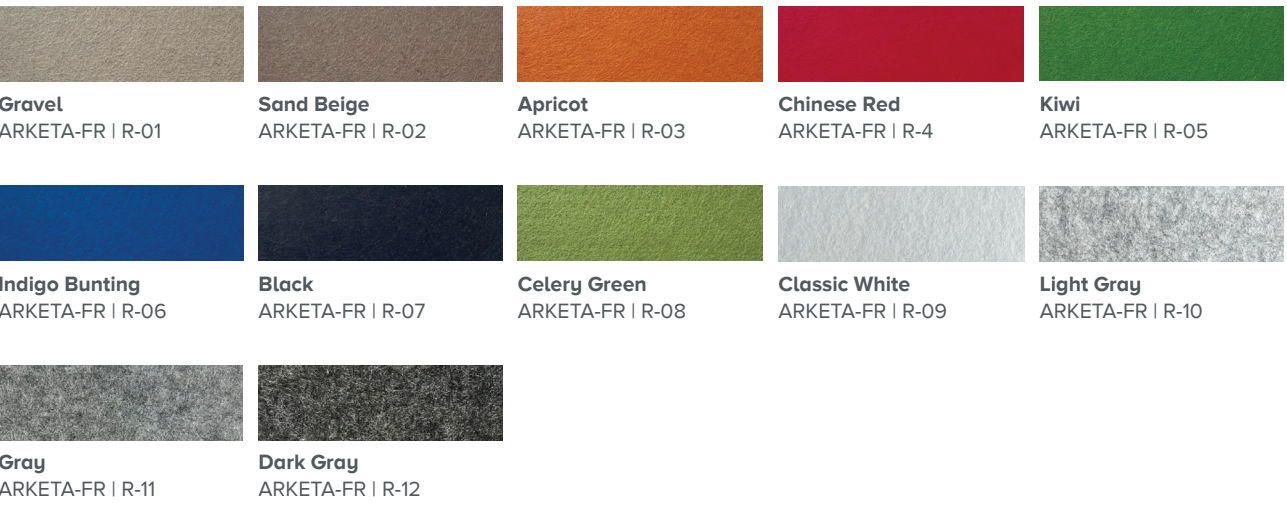
VIBE DOT PET FELT FABRIC COLLECTION



PINSONIC PRINTED PET FELT PANEL COLLECTION



ARKETA-FR FLAT ACOUSTIC PET FELT PANEL COLLECTION



ARKETA-FR MELANGE ACOUSTIC PET FELT PANEL COLLECTION





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Gerkonsan Organize
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F: +90 374 311 66 37

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F: +90 232 431 08 19

www.feltvibe.com