Texfel®
Acoustic & Design PET Felt

TEXFEL® ECHO

Echo 2025

Our range of PET felt acoustic panels, made from recycled materials and certified for sustainability, is available in 9, 12, and 24 mm, with large formats and a wide range of colours, offering aesthetic and effective solutions for acoustic comfort.

TEXFEL® ECHO

Texfel® Echo

_Technical Specifications

Texfel® Echo presents a high-performance acoustic solution that combines sustainability, versatility, and design. Made from up to 60% recycled PET, these panels are engineered for optimal noise reduction, improving acoustics in residential, commercial, and public spaces.

Available in three thicknesses **(9mm, 12mm, and 24mm)** Texfel® Echo comes in standard sizes of 2440x1220mm, 2800x1220mm, and 3050x1220mm, with custom sizes available to meet the unique demands of each project.

These panels are easy to cut and manipulate, offering flexibility for a wide range of creative possibilities in interior design.

Texfel® Echo can also be produced in dual-tone **(DUO) finishes or combined with Texfel® Interiors in the same panel**, allowing for an array of colour combinations to complement any design vision. This makes it easy to integrate into diverse architectural styles, offering both superior acoustic performance and aesthetic versatility.

Technical Specifications

DIMENSIONS

LENGTH & WIDTH

2440 x 1220mm
2800 x 1220mm
3050 x 1220mm

THICKNESS

Texfel® Echo 9
Texfel® Echo 12
Texfel® Echo 24

Texfel® ECHO 9

Weight
1.650 g/m2

Density
183 kg/m3

Thickness
9 mm

Each panel contains **106** recycled PET bottles

Texfel® ECHO 12

Weight
2.500 g/m2

Density
208 kg/m3

Thickness
12 mm

Each panel contains **159** recycled PET bottles

Texfel® ECHO 24

Weight
4.400 g/m2

Density
183 kg/m3

Thickness
24 mm

Each panel contains **265** recycled PET bottles

SPECIFICATIONS

Composition
100% PET
mín. 60% Recycled

Sound Absorption
UNE-EN ISO 354:2004
Up to aw = 1 (-)
EN ISO 11654: Class A

Environment
Recyclable
Low VOC content,
REACH, EPD.

Flame Retardancy
EN 13501-1+A1: B-S2, do

EPD®
INTERNATIONAL EPD SYSTEM

Texfel® Echo

Colours

DOVE WHITE | BL-00

WHITE SNOW | BO-00

DEEP BLACK | NO-00

ASH GREY | GM-08

MID GREY | GM-92

CHARCOAL | GS-96

PEARL BEIGE | BE-07

CLAY | BE-32

SKY BLUE | AZ-05

DENIM | AZ-25

NAVY | AM-90

PEAR | VR-11

LAWN | VR-25

SAGE TEA | VR-07

AQUA GREY | VR-12

DARK GRAPE | RS-67

BEE YELLOW | IL-18

GERBERA DAISY | NR-09

ATOMIC RED | RO-60

DARK OCHRE | MR-83

GINSENG | BE-81

CEDAR PATH | VR-20

OCEAN DEPTH | VR-75

HEATHER VIOLET | RS-31

ECRU LINEN | BE-01

ALMOND LATTE | MR-75

SOFT CORAL | RS-21

COPPER | MR-36

SEA TEAL | VR-65

AVOCADO | VR-17

CADMIUM GREEN | VR-60

AQUA | AZ-55

ELEPHANT SKIN | GM-85

Texfel® Echo
_Felt & Dual Felt

We offer exclusive finishes for our **PET Felt panels**, providing designers with flexibility and style for every project:

Felt: PET panel covered with Texfel® Interiors on one face, offering a refined texture and diverse colour possibilities.

DualFelt: PET panel covered with Texfel® Interiors 200 on both faces, delivering dual-sided colour contrasts and an upgraded finish with a premium touch and feel.

SUSTAINABILITY

Sustainability & CSR

_Committed to a Greener Planet

Sustainability goes beyond environmental responsibility, it's about creating a lasting, positive impact on our planet and its resources. At FYTISA, sustainability is at the core of our business. We are committed to responsible manufacturing and continuously improving our processes to reduce environmental impact.

To guide our efforts, we have developed the **ERS Program** (Ecological, Responsible, and Sustainable Program), a framework that shapes our approach to sustainability, ensuring that every step we take contributes to a better future.

Real CSR

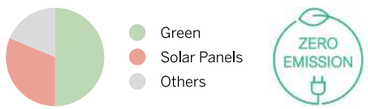
CSR Certified
Vanguard Legislation
Industry 4.0 Powered

Sustainable Raw Materials

Recycled PET Fibers
R&D with Our Partners
Innovation in Progress

Zero Carbon Target

Green Electricity | Gas
Zero-KM Suppliers
Low Carbon Developments



Zero Waste Target

From Waste to Product
Partnering for Impact
Efficient Waste Management

Circular Economy

From Waste to Product
Partnering for Impact
Efficient Waste Management

From Bottle to Design

_The Journey of Recycled PET at FYTISA

Imagine a plastic bottle. Perhaps it was yours. Maybe you used it to quench your thirst on a hot day or as part of your daily routine. Now, multiply that bottle by millions.

Every year, at FYTISA, we transform the equivalent of millions of PET bottles into sustainable felt. In 2024, we are proud to say that we have given a new life to almost 10 million 33cl water bottles, turning them into finished products. Instead of ending up in landfills or polluting our oceans, these bottles find a new purpose.

The fibres we use come from certified European sources, ensuring not only a controlled origin but also a responsible and efficient recycling process.

Through innovation and design, these recycled fibres are transformed into versatile and sustainable products, helping to reduce environmental impact and promote a truly circular economy.

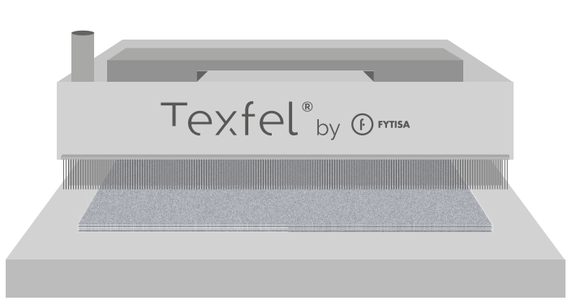
Every piece we manufacture is not just a technical and aesthetic solution but also a strong commitment to the planet. At FYTISA, product and sustainability go hand in hand, proving that something as simple as recycling a bottle can have a global impact.

How many stories can fit inside a bottle? At FYTISA, almost 10 million in just one year.

PET Bottles
Recycled plastic bottles serve as the primary raw material for our PET felt products.

Bottle Flakes and Masterbatch
PET bottles are cleaned, shredded into flakes, and combined with masterbatch for colour and performance enhancement.

PET Fiber Formation
The PET flakes are melted and extruded into fine polyester fibers.



Web Forming, Needle Punching & Thermal Bonding
The fibers are aligned into a web, mechanically interlocked, and heat-bonded to create a durable felt structure.

Texfel Echo & Texfel Interiors
The finished products provide sound absorption, aesthetics, and sustainability for architectural applications.

Our Certifications

Member of

Texfel®
Acoustic & Design PET Felt

Where quality transcends & sound transforms

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2025 - 03 | V1
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FYTISA