

## 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.



# TEXTFEL<sup>®</sup> 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.

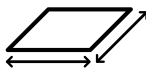






# Technical Specifications

## 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/m<sup>2</sup>



**Density**  
183 kg/m<sup>3</sup>



**Thickness**  
9 mm



**Each panel** contains **106**  
recycled PET bottles

### Texfel® ECHO 12



**Weight**  
2.500 g/m<sup>2</sup>



**Density**  
208 kg/m<sup>3</sup>



**Thickness**  
12 mm



**Each panel** contains **159**  
recycled PET bottles

### Texfel® ECHO 24



**Weight**  
4.400 g/m<sup>2</sup>



**Density**  
183 kg/m<sup>3</sup>



**Thickness**  
24 mm



**Each panel** contains **265**  
recycled PET bottles

## SPECIFICATIONS



**Composition**  
100% PET  
min. 60% Recycled



**Sound Absorption**  
UNE-EN ISO 354:2004  
Up to  $\alpha_w = 1$  (-)  
EN ISO 11654: Class A



**Environment**  
Recyclable  
Low VOC content,  
REACH, EPD.



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





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



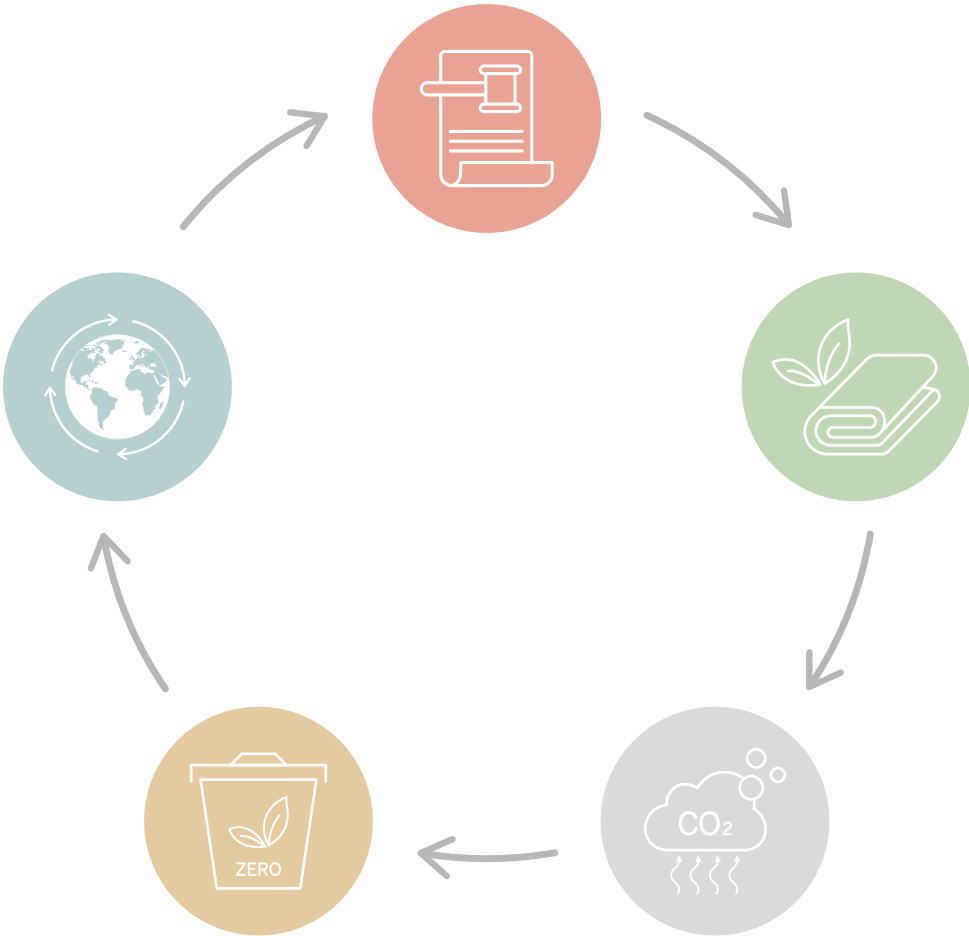


# Sustainability & CSR

\_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.



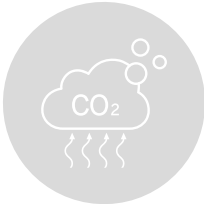
## Real CSR

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



Green  
Solar Panels  
Others



## 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.

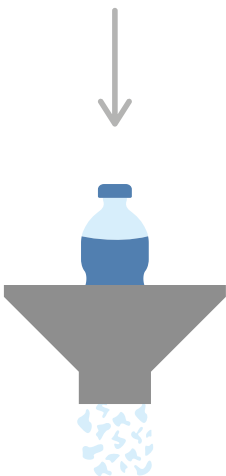
How many stories can fit inside a bottle? At FYTISA, almost 10 million in just one year.



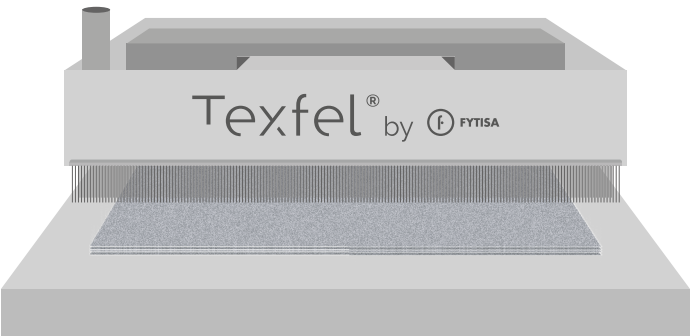
**PET Bottles**  
Recycled plastic bottles serve as the primary raw material for our PET felt products.



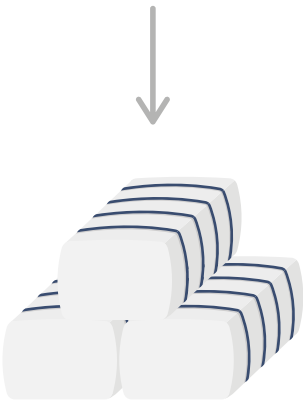
**Texfel Echo & Texfel Interiors**  
The finished products provide sound absorption, aesthetics, and sustainability for architectural applications.



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



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



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





# Our Certifications



# Member of

