

XPRESSIVE ACOUSTICAL

FELT WOODEN SLAT PANELS



ACOUSTICAL PET FELT BOX CEILING BAFFLES

Xpressive™ Felt Oak Acoustic Wood Wall and Ceiling Panels

Our wooden slats are beautiful and decorative wooden panels that are sound absorbing as well as aesthetically pleasing at the same time.

With high-quality acoustic panels, each one can be easily installed on walls and ceilings, both in domestic and commercial applications;

Produced with luxury quality and smooth unique ambiance to any space.

Our contemporary panels are made out of clean and smooth Lamella strips mounted onto a uniquely designed, recycled acoustic felt material for that extra acoustic insulation. Installation of our panels is fast and easy, with minimal tools required, allowing you to quickly transform any space.

KEY FEATURES & BENEFITS

- **High Acoustical Performance**

Reduces reverberation and improves speech intelligibility in open and high-volume spaces.

- **Architectural Expression**

Available in geometric and custom shapes for expressive ceiling designs.

- **Seamless Appearance**

Precision-formed baffles with clean edges and no visible joints.

- **Sustainable PET Felt**

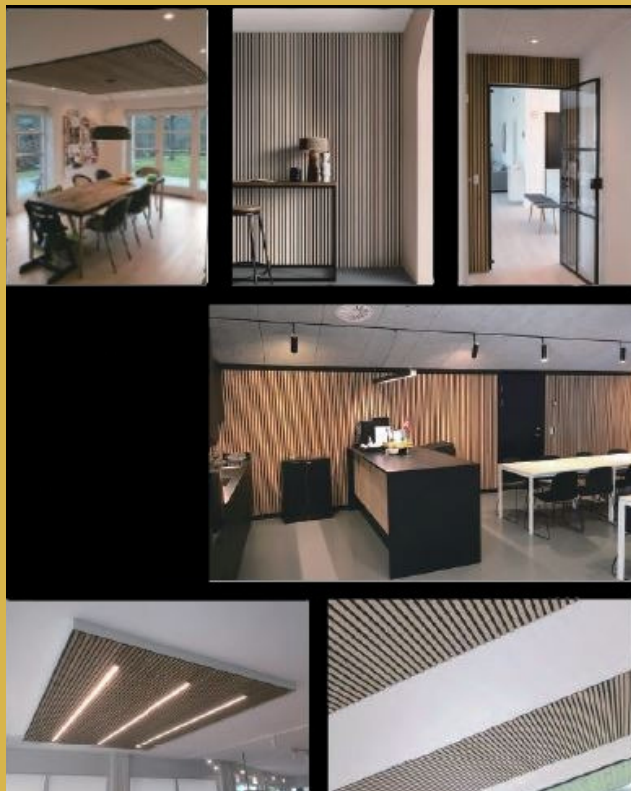
Manufactured from recycled plastic bottles and fully recyclable.

- **Lightweight & Easy to Install**

Suspended using discreet aircraft cable systems for clean integration.

- **Color Customization**

Broad palette of neutral, warm, and vibrant colors to complement any interior.



PERFORMANCE

Xpressive™ PET Felt Wood Wall and Ceiling Panels are engineered to absorb mid-to-high frequency sound energy commonly found in open environments.

100% Polyester Fiber

Sound Absorption Rating:
Class 1

Sound Absorption Coefficient:
0.80

Fire Resistance Rating

- U.S. Standard: ASTM E84 Class A
- European Standard: EN 13501-1 Class B

MATERIAL COMPOSITION

- **Material:** PET Felt, MDF Board & Engineered Veneer
- **Recycled Content:** Up to 60% post-consumer recycled PET
- **Thickness Options:** Typically 9 mm – 12 mm – 25 mm (custom thickness available)
- **VOC Emissions:** Low-VOC, indoor air quality compliant
- **Fire Performance:** Class A (ASTM E84), when applicable

APPLICATIONS

- **Open-plan Offices**
- **Conference and Collaboration Spaces**
- **Lobbies and Reception Areas**
- **Classrooms and Lecture Halls**
- **Libraries**
- **Restaurants and Hospitality Spaces**
- **Transit and public interiors**

SUSTAINABILITY

Xpressive™ Acoustical PET Felt Wood Wall and Ceiling Panels support sustainable building initiatives and contribute toward LEED and WELL Building Standard goals.

- Made from recycled PET
- Lightweight for reduced transportation impact
- Long lifecycle with minimal maintenance

WHY XPRESSIVE™

Xpressive is where acoustics meet art—giving designers the ability to control sound while creating walls that inspire. Whether subtle or bold, linear or geometric, Xpressive PET Felt Acoustical.



TWO



PET Veneer panel with milling pattern

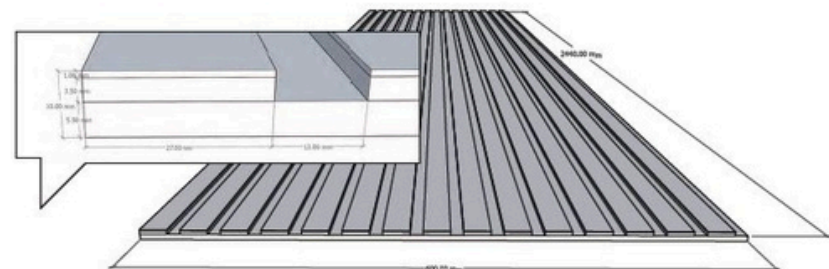
Firstly, we use silicon glue to attach the engineered veneer on the black basic panel.
Secondly, making the panel get through the grooving machine
Finally, using special tool to ensure each panel clean

Overall dimensions: 600*2440*10mm

The surface: 27*2440*1mm

slot depth: 3.5mm

Material: PET Polyester Fiber , Wood Veneer



Available in 5 colors



Light oak



Smoked oak



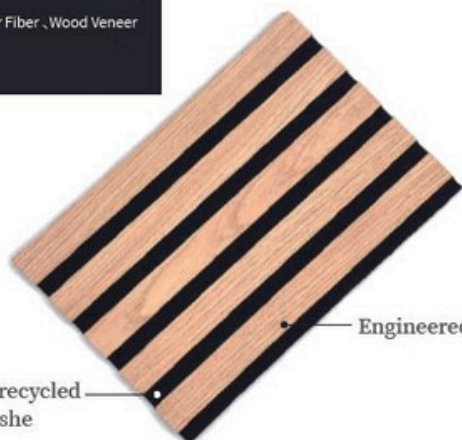
Oiled oak



Walnut



Grey oak



Engineered veneer

Felt made of recycled plastic bottles

DIAMOND T MANUFACTURING, INC.

YOUR PARTNER IN ARCHITECTURAL METAL & ACOUSTICAL SOLUTIONS

Since 2013, Diamond T Manufacturing, Inc. (DTMI) has been a trusted leader in architectural metals fabrication and acoustical design solutions. We specialize in creating custom products that elevate spaces with unmatched design, aesthetics, acoustical performance, and decorative appeal.

Our Expertise Includes:

- Architectural Metal Products
- Acoustical Metal Ceilings
- Metal Wall Panels
- Column Covers
- Acoustical Solutions with PET Felt & Fabric
- Felt Ceiling Baffles
- Wall Panels / V-Groove Carving Panels
- Ceiling Pods / Acoustical Shapes
- Fabric-Wrapped Wall Panels
- Sound Absorbing Products

At DTMI, we combine precision craftsmanship with innovative design to deliver tailored solutions for architects, designers, and builders. Whether you need standard products or fully customized architectural elements, we have the experience and capability to bring your vision to life.

Why Choose Diamond T?

- ✓ Over a decade of proven expertise
- ✓ Custom fabrication for unique projects
- ✓ Commitment to quality and performance
- ✓ Solutions that blend beauty with functionality

TRANSFORM YOUR SPACE WITH DTMI'S ARCHITECTURAL AND ACOUSTICAL PRODUCTS. LET'S CREATE SOMETHING EXTRAORDINARY TOGETHER.



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