

About Us

Celebrating 25 Years of Excellence in Aluminum Materials and Suspended Ceilings

We are proud to announce that our company has reached a major milestone - 25 years of providing top-quality aluminum materials and suspended ceilings to the construction industry. Throughout the years, we have continuously strived to meet the needs of our customers by providing innovative solutions and exceptional service.

One of our company's greatest strengths is our commitment to solving the details. We understand that every project is unique, and we work closely with our customers to ensure that every detail is taken care of. From the initial design phase to the final installation, our team is dedicated to providing a seamless and hassle-free experience.

WALTER FOSTER

We are also proud to be at the forefront of innovation in our industry. Our team is constantly exploring new ideas and technologies to improve our products and services. We believe that innovation is key to staying competitive in today's fast-paced market, and we are always looking for ways to bring fresh ideas to our projects.

Speaking of innovative products, we are excited to introduce our latest offerings. Our new line of suspended ceilings features state-of-the-art materials and designs that are sure to impress. Whether you are looking for a sleek and modern look or a more traditional feel, our team can help you find the perfect solution for your space.

But our success wouldn't be possible without the support of our customers. We are grateful for the trust and confidence that our clients have placed in us over the years. It is their satisfaction that drives us to constantly improve and innovate.

As we celebrate our 25th anniversary, we would like to take this opportunity to thank our customers, employees, and partners for their continued support. We are excited for what the future holds and look forward to many more years of success in the industry.

Thank you for choosing us as your partner in aluminum materials and suspended ceilings.

Walter Loster

Introduction:

Metal suspended ceilings have gained significant popularity in modern construction due to their practicality, aesthetic appeal, and user-friendly features. One of their standout advantages lies in their ease of use and ergonomic design, which enables convenient access to installations hidden above the ceiling. This article explores the various benefits offered by metal suspended ceilings, highlighting their convenience, aesthetic appearance, and user-friendly attributes.

The Convenience of Access:

Metal-suspended ceilings provide an efficient solution for concealing electrical, HVAC (heating, ventilation, and air conditioning), and other installations located above the ceiling. Their modular design allows for easy access to these utilities whenever maintenance or repairs are required. By simply removing or lifting individual ceiling tiles, technicians can access the hidden infrastructure without disrupting the entire ceiling system. This easy access saves time and minimizes disturbances in commercial buildings, hospitals, offices, and other spaces where regular maintenance is essential.

Aesthetic Appeal:

In addition to their functional advantages, metal suspended ceilings offer a wide range of aesthetic options that enhance the overall visual appeal of a space. Available in various finishes, patterns, and designs, metal ceiling tiles can be customized to complement any interior style. Whether a sleek and modern appearance or a traditional and sophisticated ambiance is desired, metal suspended ceilings can provide the desired aesthetic touch. The reflective properties of metal also contribute to better light distribution, resulting in a brighter and more visually pleasing environment.

User-Friendliness:

Metal suspended ceilings prioritize user-friendliness, making them an ideal choice for both installation and day-to-day use. Their lightweight nature simplifies the installation process, reducing the labor and time required. The modular design and standardized components enable swift and accurate assembly, allowing construction projects to progress smoothly. Additionally, metal-suspended ceilings can be easily integrated with other building elements such as lighting fixtures, air diffusers, and sound insulation materials, further enhancing their usability.

Durability and Maintenance:

Metal-suspended ceilings are built to withstand the test of time. Constructed from robust materials, such as aluminum, steel, or galvanized steel, they offer exceptional durability and resistance to wear and tear. This longevity ensures that the ceiling system remains intact and visually appealing for an extended period, minimizing the need for frequent replacements. Furthermore, maintenance requirements are generally minimal, as metal ceilings are easy to clean and do not trap dust, dirt, or allergens, promoting better indoor air quality.

Conclusion:

Metal-suspended ceilings provide a host of benefits that make them a preferred choice in commercial, institutional, and residential settings. The ease of access to installations located above the ceiling, coupled with their aesthetic appeal and user-friendly attributes, contribute to their overall convenience and practicality. Whether it's for maintenance purposes, visual enhancements, or ease of installation, metal suspended ceilings offer a versatile and reliable solution that combines functionality with an appealing aesthetic.











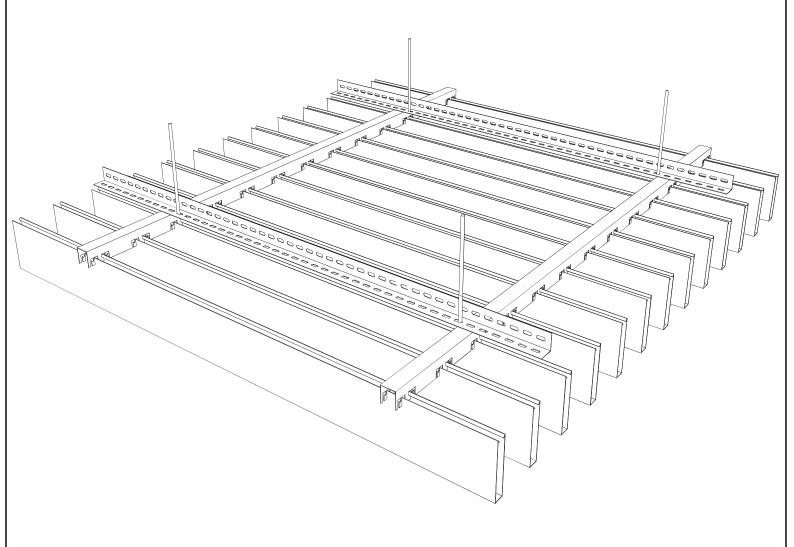






Baffle Systems

WALTER FOSTER



-		2	
Proc	uct	Infori	mation

Technical Specifications

Material	Aluminum and Galvanized Sheet		
Section	Standard U Section - Special Sections		
Thickness	0,40mm - 1mm		
Bottom Base	20mm-300mm		
Height	40mm - 200mm		
Perforation	0,90mm - 1,5mm -1,8mm- 2,5mm - 4,50mm Dairesel - 8mm Dairesel ve 4x4mm Kare		
Fabric	Black Domestic / Fireproof Imported Fabric / Soundtex		
Carrier System	With Hook (Optional Hook-on Main L Carrier)		
Colour	RAL Options & Wooden Look		
Axle Spacing	40mm - 300mm		

P8 | walterfoster.com



EXPANDED MESH CEILING SYSTEMS

Introduction:

In today's fast-paced and bustling office environments, creating a comfortable and productive workspace is crucial for both employees and employers. While often overlooked, the impact of acoustic materials on office design and user experience cannot be underestimated. User-friendly acoustic materials play a vital role in minimizing noise distractions, improving privacy, and fostering a more harmonious work environment. In this article, we will explore the significance of user-friendliness in acoustic materials and how they contribute to enhancing the overall office experience.

Understanding User-Friendly Acoustic Materials:

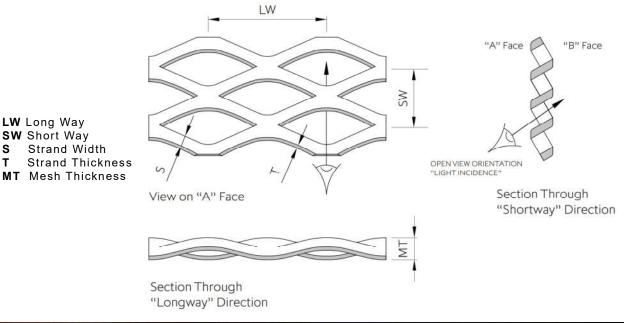
User-friendliness in acoustic materials refers to their ability to effectively address acoustic challenges while being adaptable, aesthetically pleasing, and easy to integrate into office spaces. These materials should cater to the diverse needs of users, offering flexibility in terms of installation, maintenance, and customization options. When acoustic materials are user-friendly, they not only provide sound control but also consider the overall office ambiance and the well-being of employees.

Ease of Installation and Maintenance:

Acoustic materials that are user-friendly also prioritize ease of installation and maintenance. They should be designed to minimize disruption during installation and allow for efficient reconfiguration when necessary. Additionally, these materials should be durable and easy to clean, ensuring long-term functionality and hygiene. User-friendly acoustic materials simplify the process of integrating acoustic solutions into existing office spaces, making it convenient for businesses to enhance their working environments.

Sustainable and Environmentally Friendly:

In today's environmentally conscious world, user-friendly acoustic materials should also adhere to sustainable practices. By utilizing eco-friendly materials and production methods, these acoustic solutions contribute to a healthier planet. Choosing sustainable options not only demonstrates a commitment to corporate social responsibility but also ensures that the acoustic materials meet the highest standards of quality and safety.











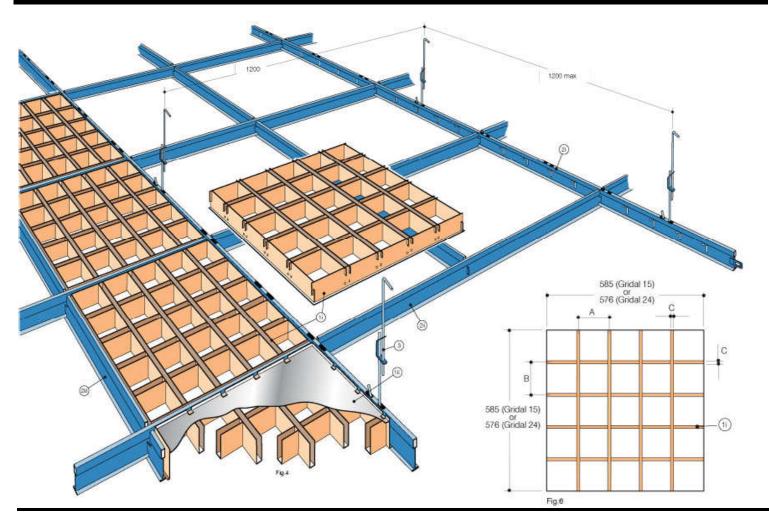








OPENCELL CEILING SYSTEMS



Introduction:

Briefly explain what open-cell ceiling systems are and their purpose.

Highlight the advantages of using open-cell ceilings, such as improved acoustics, ventilation, and aesthetic appeal.

System Components:

Describe the main components of an open-cell ceiling system, including:

Metal grid framework: Discuss the materials used, dimensions, and installation methods.

Ceiling panels: Explain the different panel options, such as metal, wood, or other materials.

Suspension system: Detail the types of hangers, wires, and other hardware used to support the system.

Installation Guidelines:

Provide step-by-step instructions for installing the open-cell ceiling system, including:

Pre-installation preparations: Address any necessary site inspections, measurements, and surface preparation.

Grid installation: Explain the process of assembling and installing the metal grid framework.

Panel installation: Describe how to attach the ceiling panels to the grid.

Integration with lighting and HVAC fixtures: Provide guidance on incorporating lighting fixtures, air diffusers, and other elements.

Safety Considerations:

Highlight safety precautions during installation, such as the use of personal protective equipment and adherence to relevant safety codes.

Discuss fire safety standards and recommendations for open-cell ceiling systems.

Customization and Design Options:

Explore various design possibilities, including panel shapes, sizes, finishes, and colors.

Discuss how open-cell ceiling systems can be tailored to specific architectural styles or interior design concepts.

Troubleshooting and Repairs:

Address common issues that may arise with open-cell ceiling systems and provide troubleshooting guidelines.

Explain how to identify and rectify problems, such as loose panels, damaged grid components, or acoustic performance concerns.

Maintenance and Cleaning:

Discuss recommended maintenance practices to ensure the longevity and performance of the open-cell ceiling system.

Provide cleaning instructions for different types of ceiling panels and finishes, including appropriate cleaning agents and techniques.

Warranty and Support:

Provide information about any warranties or guarantees offered by the manufacturer or installer.

Include contact details for customer support or technical assistance

Remember to adapt the content and level of detail to the specific needs and requirements of your documentation.





FELT (PET)CEILING SYSTEMS

Sustainability and Recycled PET:

One of the key highlights of acoustic felt suspended ceilings is their environmentally friendly composition. These ceilings are manufactured using recycled PET material, which is derived from post-consumer plastic bottles. By utilizing recycled PET, these ceilings divert plastic waste from landfills and reduce the demand for virgin materials. This eco-conscious approach contributes to a more sustainable construction industry and helps promote a circular economy.

Superior Acoustic Performance:

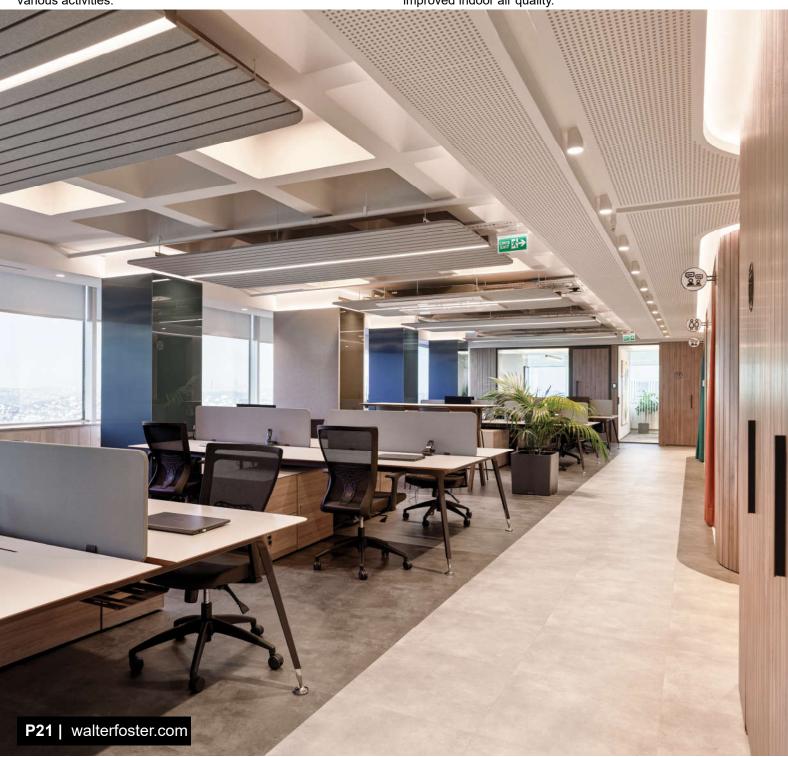
Acoustic felt suspended ceilings excel in their ability to enhance sound control within interior spaces. The dense, fibrous structure of the felt material effectively absorbs and reduces sound reverberation, creating a quieter and more comfortable environment. Whether it's a bustling office, a busy restaurant, or a noisy educational facility, these ceilings help mitigate background noise, improve speech intelligibility, and create optimal acoustic conditions for various activities.

Thermal Insulation and Energy Efficiency:

Acoustic felt suspended ceilings also contribute to energy efficiency and thermal insulation within buildings. The felt material possesses inherent insulation properties, helping to regulate temperatures and reduce energy consumption for both heating and cooling. By minimizing heat transfer through the ceiling, these systems promote a comfortable indoor climate and contribute to energy savings, making them an environmentally conscious choice for sustainable building design.

Recyclability and Low Maintenance:

Beyond their recycled composition, acoustic felt suspended ceilings also offer the advantage of recyclability at the end of their life cycle. When the ceilings are eventually replaced or renovated, the recycled PET material can be further recycled or repurposed, reducing waste and minimizing environmental impact. Furthermore, these ceilings are low maintenance, as they resist dust and dirt accumulation, making them easy to clean and contributing to improved indoor air quality.



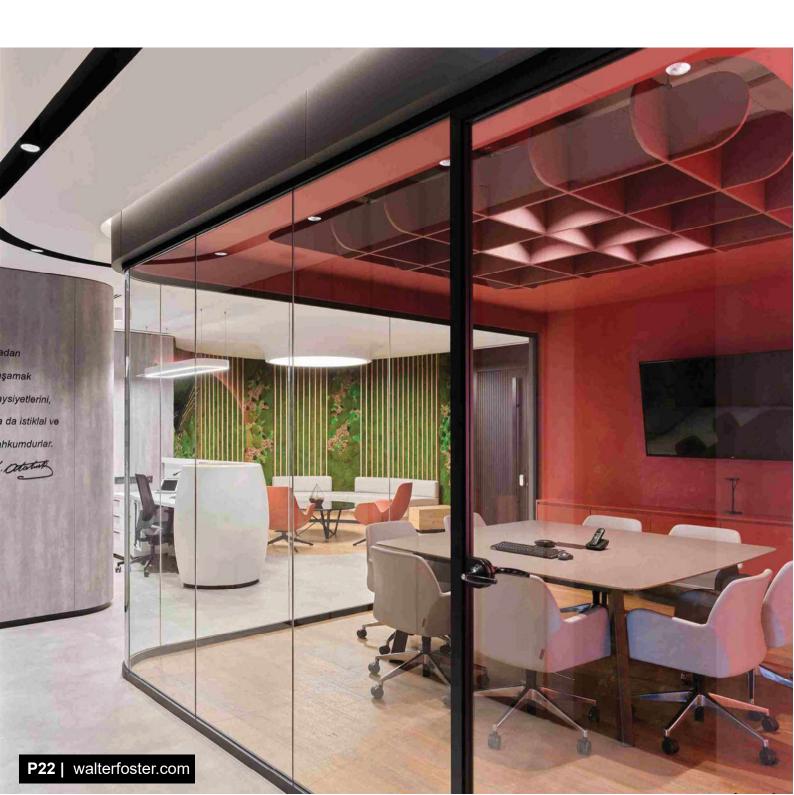
FELT (PET)CEILING SYSTEMS

Visual Appeal and Design Flexibility:

In addition to their acoustic properties, acoustic felt suspended ceilings offer an array of design options, allowing for creative and visually striking ceiling installations. The versatile material can be shaped, cut, and combined to create unique patterns, textures, and configurations, enabling designers to customize the ceilings to suit specific architectural visions. From modern and sleek to warm and inviting aesthetics, these ceilings provide endless possibilities for creating visually appealing spaces.

Conclusion:

Acoustic felt suspended ceilings made with recycled PET material present a sustainable and high-performing solution for interior spaces. Their use of recycled PET not only reduces plastic waste but also promotes a more environmentally friendly construction industry. The superior acoustic performance, design flexibility, thermal insulation, and low maintenance requirements further enhance their appeal. By opting for these ceilings, architects, designers, and building owners can achieve a harmonious blend of sustainability, aesthetics, and acoustic comfort, ultimately creating healthier and more enjoyable environments.





Fabric Wrapped Acoustic Ceiling

Understanding Glass Wool-Filled Acoustic Fabric-Covered Plates:

Glass wool-filled acoustic fabric-covered plates are engineered products designed to enhance sound absorption and reduce noise transmission. These plates consist of a rigid core made of glass wool, a lightweight and versatile insulation material known for its exceptional sound-absorbing properties. The core is then covered with a specialized acoustic fabric that enhances the aesthetic appeal while maintaining excellent acoustic performance.

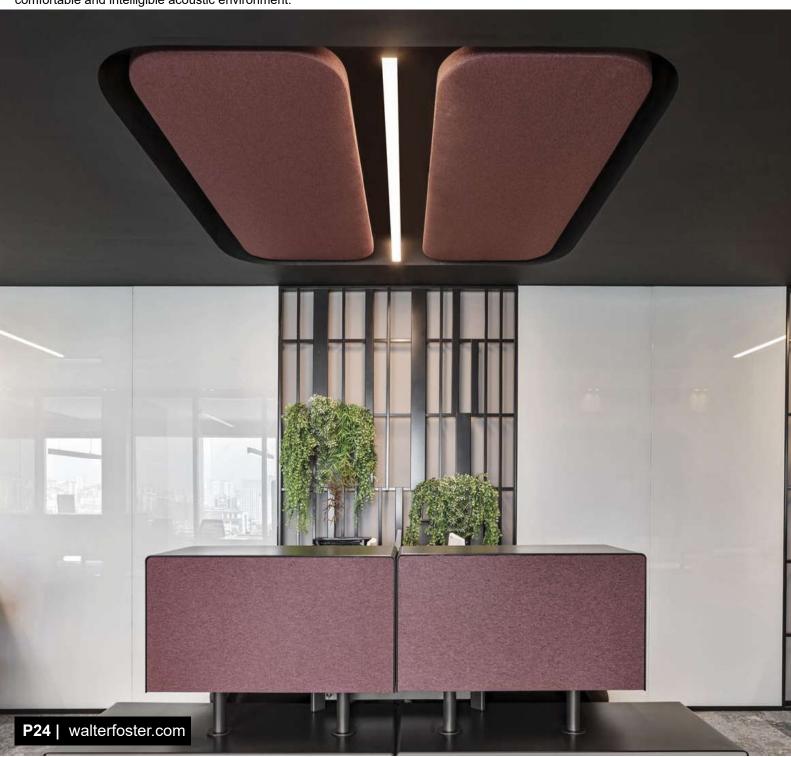
Sound Absorption and Noise Reduction:

The primary function of glass wool-filled acoustic fabric-covered plates is to absorb sound energy, thereby reducing reverberation and enhancing speech clarity. The fibrous structure of glass wool efficiently traps sound waves, converting them into heat energy through friction and vibration. This absorption mechanism effectively reduces sound reflections and echoes, resulting in a more comfortable and intelligible acoustic environment.

Versatile Applications:

Glass wool-filled acoustic fabric-covered plates find applications in various settings where sound control is essential. Some common areas where these plates are used include:

- a. Auditoriums and Theaters: Glass wool-filled plates installed on walls and ceilings help control excessive reverberation, allowing the audience to enjoy clear and immersive sound experiences.
- b. Conference Rooms and Offices: These plates contribute to creating productive and focused working environments by reducing distracting noise and enhancing speech intelligibility.
- c. Educational Institutions: Classrooms and lecture halls benefit from improved acoustics, enabling better student-teacher communication and enhancing the learning experience.



d. Hospitality and Entertainment Spaces: Hotels, restaurants, and entertainment venues can provide a more pleasant atmosphere for their guests by incorporating glass wool-filled acoustic fabric-covered plates in their interior designs.

Aesthetics and Customization:

Beyond their acoustic performance, glass wool-filled acoustic fabric-covered plates offer versatility in terms of aesthetics and customization. The fabric covering comes in a wide range of colors, textures, and patterns, allowing designers to integrate them seamlessly into the overall interior design concept. This enables the creation of visually appealing spaces that are acoustically optimized, ensuring both functional and aesthetic satisfaction.

Environmental Considerations:

Glass wool is an eco-friendly material, as it is made primarily from recycled glass and sand. It is non-combustible and does not release harmful gases, making it safe for indoor applications. Additionally, glass wool is a durable and long-lasting material, reducing the need for frequent replacements and contributing to sustainable building practices.

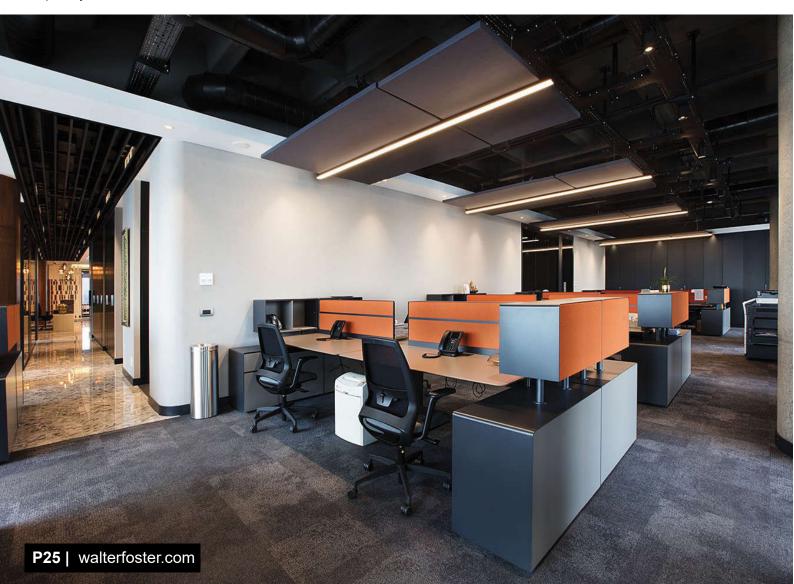
Conclusion:

Glass wool-filled acoustic fabric-covered plates have emerged as an effective solution for enhancing acoustic comfort in various environments. By combining the sound absorption properties of glass wool with the aesthetic flexibility of fabric coverings, these plates provide an excellent balance of functionality and design. As the demand for acoustically optimized spaces continues to rise, the use of glass wool-filled acoustic fabric-covered plates is expected to grow, enabling architects and designers to create spaces that promote well-being and productivity through improved sound control.,

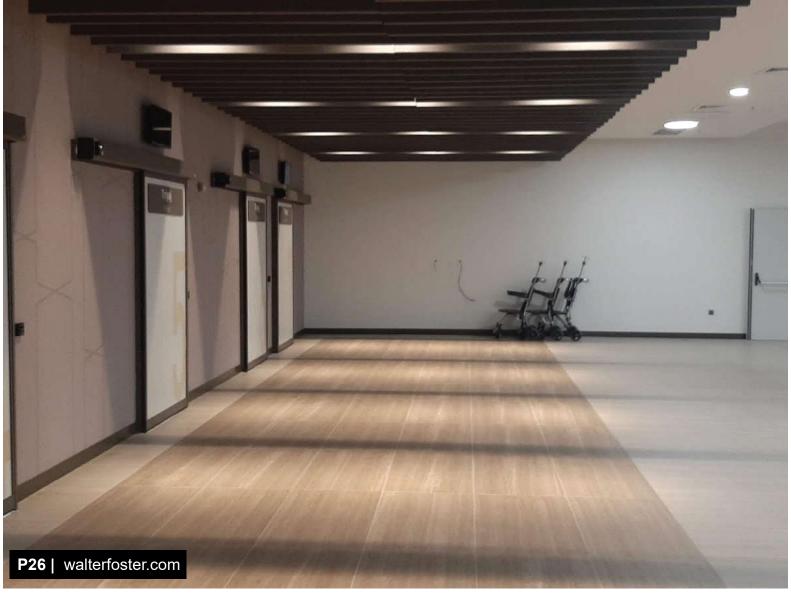
Efficiency Absorption: our acoustic wall panels can easily and effectively reduce reverberation diffusion and echo, absorbing noise for walls, and effectively improve your sound environment and quality

Quality Material: the surface of this sound absorbing panel is fabric, and the inside part is made of polyester, safe and harmless, flame retardant, recyclable, odorless, non toxic and has no harm to baby; The classic fabric design is suitable for home, recording studio, home theater, offices

Easy to Install: getting rid of those complicated installation processes, our soundproof wall panels are easy to install, due to the self priming design of the sound insulation board, you just peel off the paper on the back, reveal the adhesive surface, and then stick it to the place you need to install,









VENEER WOOD BAFFLE CEILING

Acclimatization Information

Moisture moves in and out of the wood. If the relative humidity is notcontrolled, the wood will move, expand and/or contract. This can cause bowing, cupping, and twisting. Also, plywood delamination and edge banding lifting may occur.

Some of the factors that may promote stability are as follows:

- HVAC conditions remaining consistent (relative humidity should remain between 25% -55%)
- Temperature should remain consistent
- · Avoiding direct sunlight or local heat sources

Wood is like a sponge. It absorbs and emits moisture. In order for the manufactured product to retain its original finish and appearance, consistent relative humidity and temperature is required. Undo Wooden recommends relative humidity and temperature to be constant so the warranty is not voided. It is the responsibility of the client to maintain consistent temperature and humidity over the life of the product. We require Architectural Woodwork Institute (AWI) standards to be followed with Undo Wooden Ceiling wood products. If these standards are notmaintained, the warranty will be voided if issues arise.

Wood Cubes bring the warmth and beauty of wood to large areas with a creative and unique product. Wood Cubes are easy to install and allow for access to areas above the ceiling. This functional ceiling allows for air circulation and integration of sound and light devices, while creating an upscale appearance.

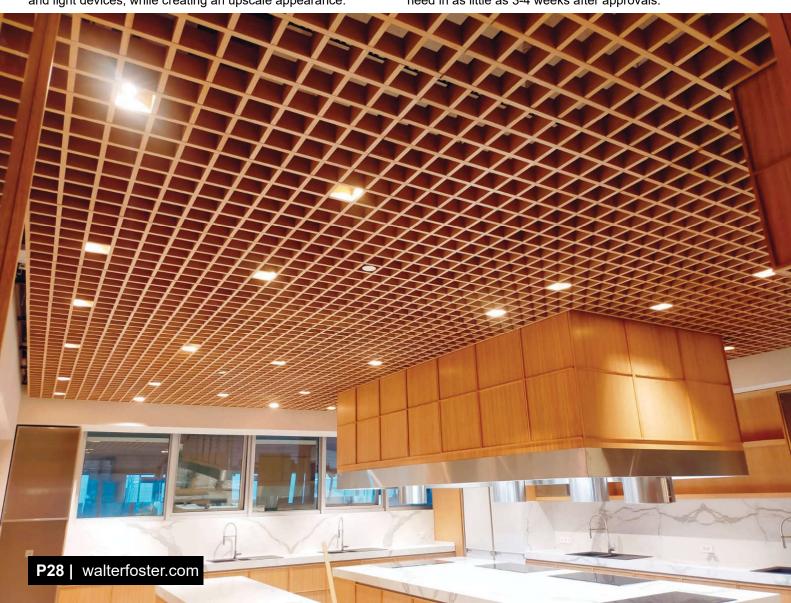
Open, cell-like ceiling system with maximum yield open area to contribute to sound attenuation, plenum access, and simple MEP integration. Wood mains and cross-tees replace a standard grid system to provide an all-wood appearance.

Whether you plan on certifying your project now or in the future, Undo Wooden Ceiling International is able to contribute to a variety of credits for both LEED, Living Building Challenge, and The WELL Building Standard.

Our sustainability certifications along with ready-to-go sustainability submittal packets can be found below. We guarantee our products are efficient and sustainable.

As a core value, Undo Wooden Ceiling International's commitment to health and efficient products reflects the strive for environmental consciousness. Putting a high priority on recycled content, sustainably harvested woods, and indoor air quality – without compromising quality – reaffirms our goal to provide you with beautiful, healthy, and sustainable products that will last.

Wood ceiling and wall systems have a standard 8-10 week lead time. Small quantity or quick turn-around projects are often impossible to find someone to manufacture. And often you don't have the luxury of waiting around. We've fixed that problem for you with a simple three-step process to get you the wood you need in as little as 3-4 weeks after approvals.

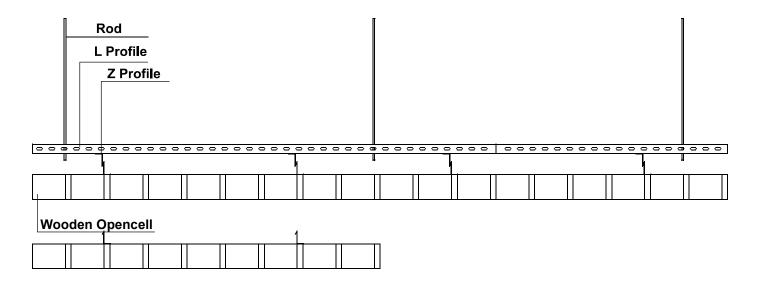


VENEER WOOD BAFFLE CEILING

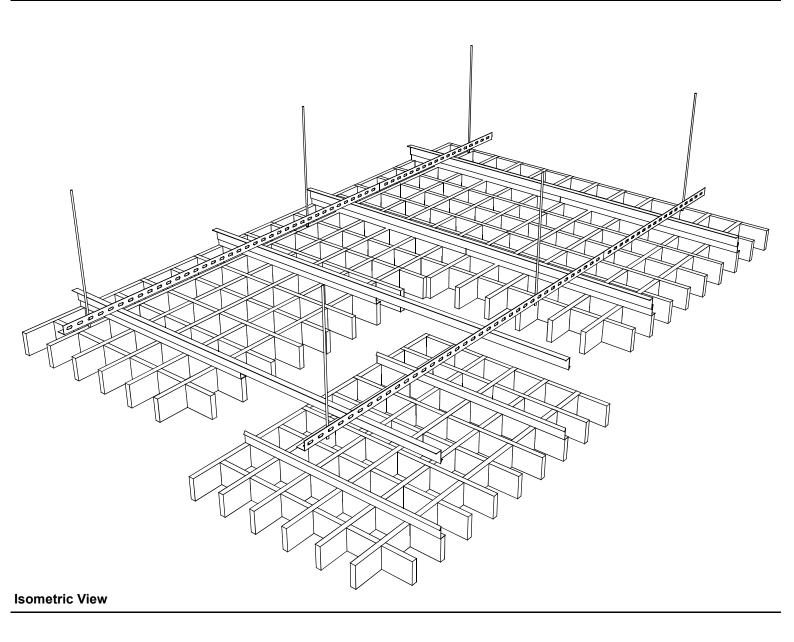




VENEER WOOD BAFFLE CEILING



Front View





HERA DESIGN (WOOD WOOL)

Wood Wool as Suspended Ceiling Panels

Wood wool is an excellent material for suspended ceiling panels, offering a unique blend of functionality and aesthetics. It consists of strands of wood fibers bound together, creating a durable and versatile product that can be used in a variety of architectural applications.

Benefits of using wood wool panels in architecture:

Excellent acoustic properties: Wood wool panels have exceptional sound absorption capabilities, making them ideal for spaces that require noise reduction and improved acoustics.

Natural and sustainable: Wood wool is an environmentally friendly material, often sourced from renewable forests and manufactured with minimal processing. It contributes to sustainable building practices and can be recycled or biodegraded at the end of its life.

Thermal insulation: Wood wool panels provide an additional layer of thermal insulation, helping to regulate temperature and reduce energy consumption in buildings.

Visual appeal and design flexibility: The natural texture and warm aesthetics of wood wool panels add visual interest to architectural spaces. They are available in various sizes, shapes, and colors, allowing for creative design possibilities.

Fire resistance: Wood wool panels are often treated with fire-retardant additives, enhancing their fire resistance and ensuring compliance with safety regulations.

Superior Acoustic Performance:

Acoustic felt suspended ceilings excel in their ability to enhance sound control within interior spaces.



Installation methods and considerations:

Wood wool panels can be easily installed as suspended ceiling systems using standard installation techniques.

It's important to consider the appropriate thickness and density of the panels based on the desired acoustic performance and structural requirements of the space.

Installers should follow manufacturer guidelines and ensure proper support systems are in place for secure and long-lasting installation.

Sustainability features of wood wool panels:

Wood wool is a renewable resource, promoting sustainable forestry practices and reducing environmental impact.

Panels can be manufactured with low volatile organic compound (VOC) emissions, contributing to healthier indoor air quality.

Wood wool panels can be recycled or safely disposed of at the end of their lifespan, minimizing waste.

Examples of projects incorporating wood wool suspended ceiling panels:

Showcase images of architectural projects where wood wool panels have been used, highlighting their visual appeal and functional benefits.

Include a range of project types, such as offices, educational institutions, cultural spaces, and hospitality venues.

Next, we can move on to Section

2: Wood Wool in Office Environments. Let me know if you have any specific points or ideas you'd like to cover in this section.



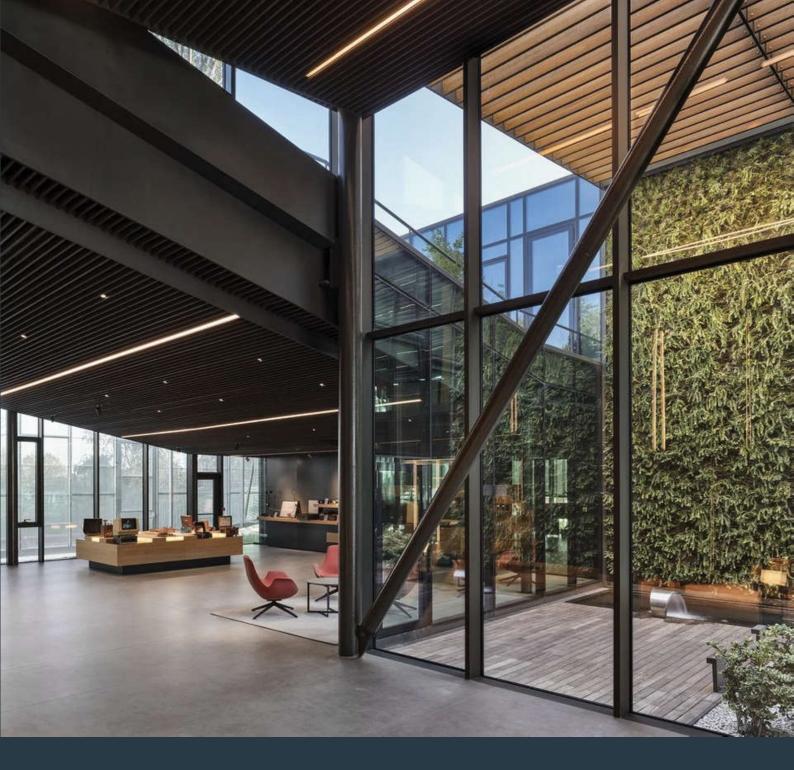












C)alter Loster

Address: 377 Crooks Ave, Paterson, NJ 07503

Phone: 973-330-0404 Web: www.wolterfoster.com Mail: info@wolterfoster.com