

AIR-board® acoustic - Ceiling Panels

Hanger by point fixings



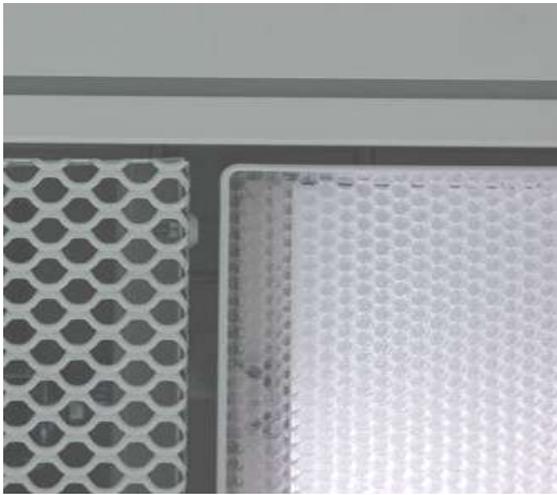
Transparent profiles



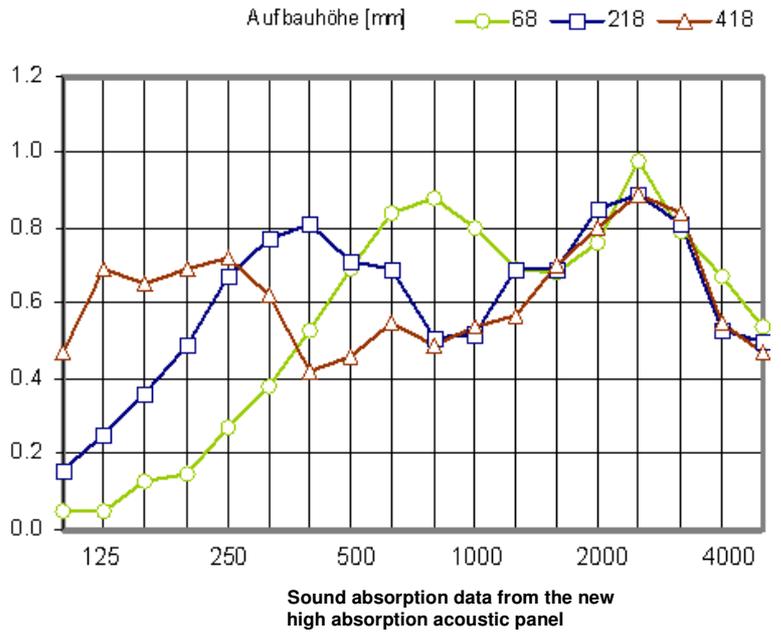
Premiere: 800 sqm absorbent lighting in a large scale project



Campus Novartis, Basel: Stretch-metal-ceiling with high-absorption lighting



Detail: Corner solution



Transparent, acoustically effective ceiling panels in harmony with architecture

The current trend of contemporary architecture is the utilisation of ever larger areas of glass. Increasingly, newly constructed or refurbished communications areas fail to meet even minimal acoustic requirements necessary for their use. The pursuit of transparency and good acoustics do not have to be mutually exclusive.



The current trend in contemporary architecture is for ever more transparency, acoustic baffle



Lining acoustic baffles up over workplaces. The pursuit of transparency and good acoustics do not have to be mutually exclusive.

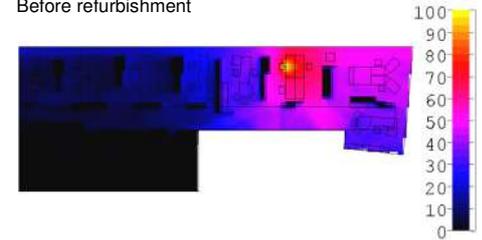


Installing T-section transparency.

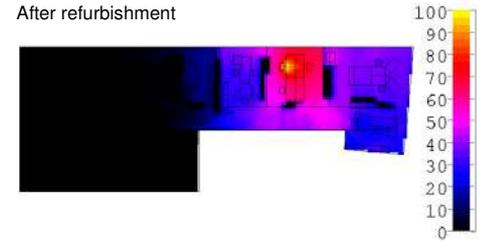
Representation of the sentence and word-comprehensibility. Percentages according to the coloured scale.

Representation computer model:

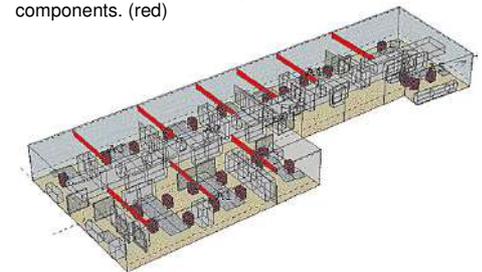
Before refurbishment



After refurbishment



Computer model with transparent acoustically effective ceiling components. (red)



The model shows how, with the use of transparent walls and baffles, the acoustics in open plan offices can be optimized.

Corresponds to the newest EN standards

Mounting instructions

AIR-board[®] acoustic

Delivery Control

Any visible damage should be mentioned clearly on the shipping documents. Any damage should be instantly reported with (digital) pictures to Design Composite. Opening the packaging and/or manually unloading the sheets automatically means acceptancy of delivery.

The pallets are not stackable. If pallets are stocked, do not accept the goods.

Unloading and sorting

Shipping, Handling and Unloading: Deliver finished products to the project site in the manufacturer's original, unopened packing. Do not unpack or handle them until the project environmental requirements have been met and the products are ready to be installed.

Storage and Protection: Store all finished panels and associated trim pieces in a clear, dry, fully-enclosed storage facility. Protect panels from damage that may be caused by exposure to water, chemicals, direct sunlight or infestation.

Acceptance at Site: Ensure all project environmental requirements have been met prior to unpacking or installing finished panels or associated trim products. Full or partial installation constitutes complete product acceptance.

Maintenance

The panels are covered with a protective transparent foil on both sides which should only be removed shortly before or straight after installation. Remove dust from surfaces by vacuuming using only a soft brush. Do not scratch sheet surfaces with sharp metal or plastic vacuum cleaner extensions. Remove general surface dirt with a clean, soft cloth dampened with a diluted, mild, non abrasive cleaning agent and warm water or a solution of 50% isopropanol and water. Wipe again with clear, soft cloth dampened only with warm water. Finally, dry surface completely with dampened chamois leather.

Installation

Site Verification Conditions: Examine installation area for compliance with all manufacturer's project environmental requirements and ensure uninstalled products have been stored, handled and acclimatized properly (24h) prior to commencing installation. Inspect all substrates for completion and quality of work to ensure that surfaces are level, plumb, clean, dry and completely cured from water or solvent evaporation. Do not commence installation if the structural capacity of the substrate is questionable or inadequate. The advised average room temperature during and after installation is 18° C. The humidity of air should not exceed 65%.

Adjusting:

Adjust panels so that surfaces are aligned, flush and level or plumb and gaps in between units are of consistent width and straight. Check that manufacturer's expansion/contraction requirements were maintained during installation. As required, adjust the mounting hardware or suspension system to allow for the appropriate amount of product expansion/contraction.



Contact us

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Mounting instructions

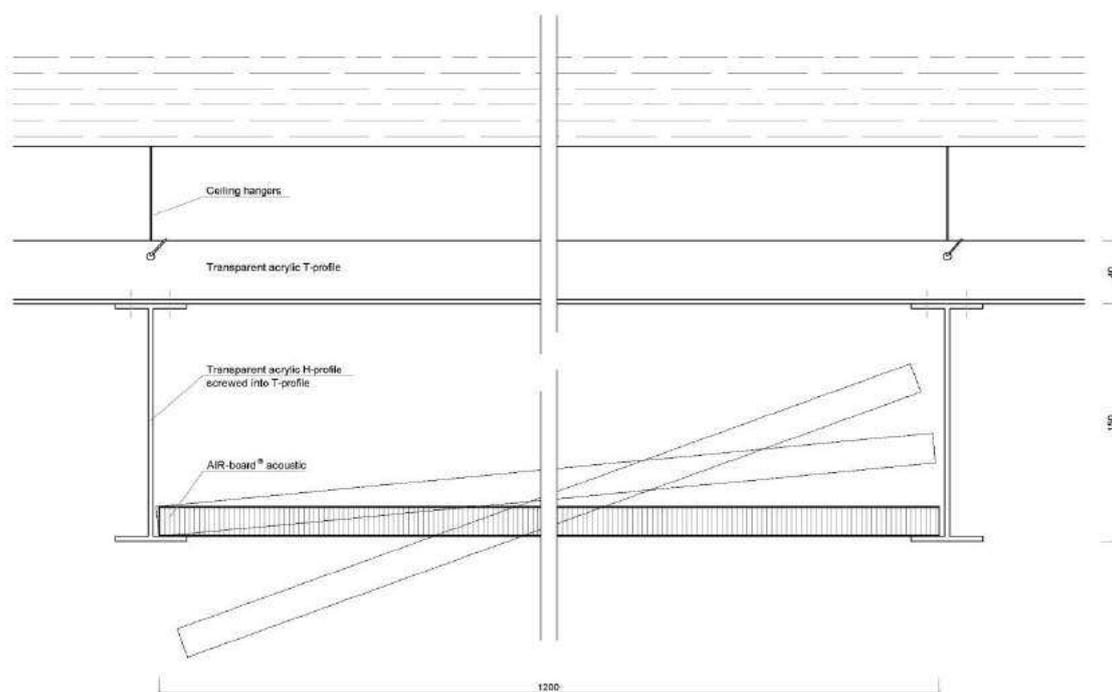
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EXAMPLES

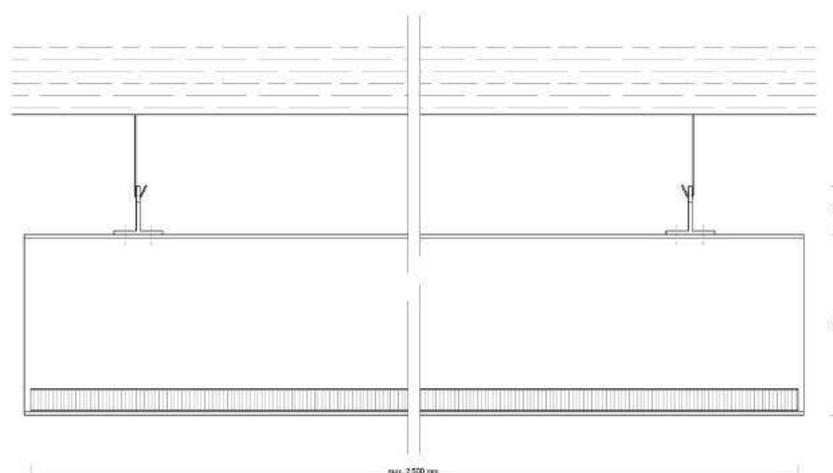
Ceilings:

- Suspended ceiling with removable AIR-board[®] acoustic panels on transparent acrylic bars:

Front view:



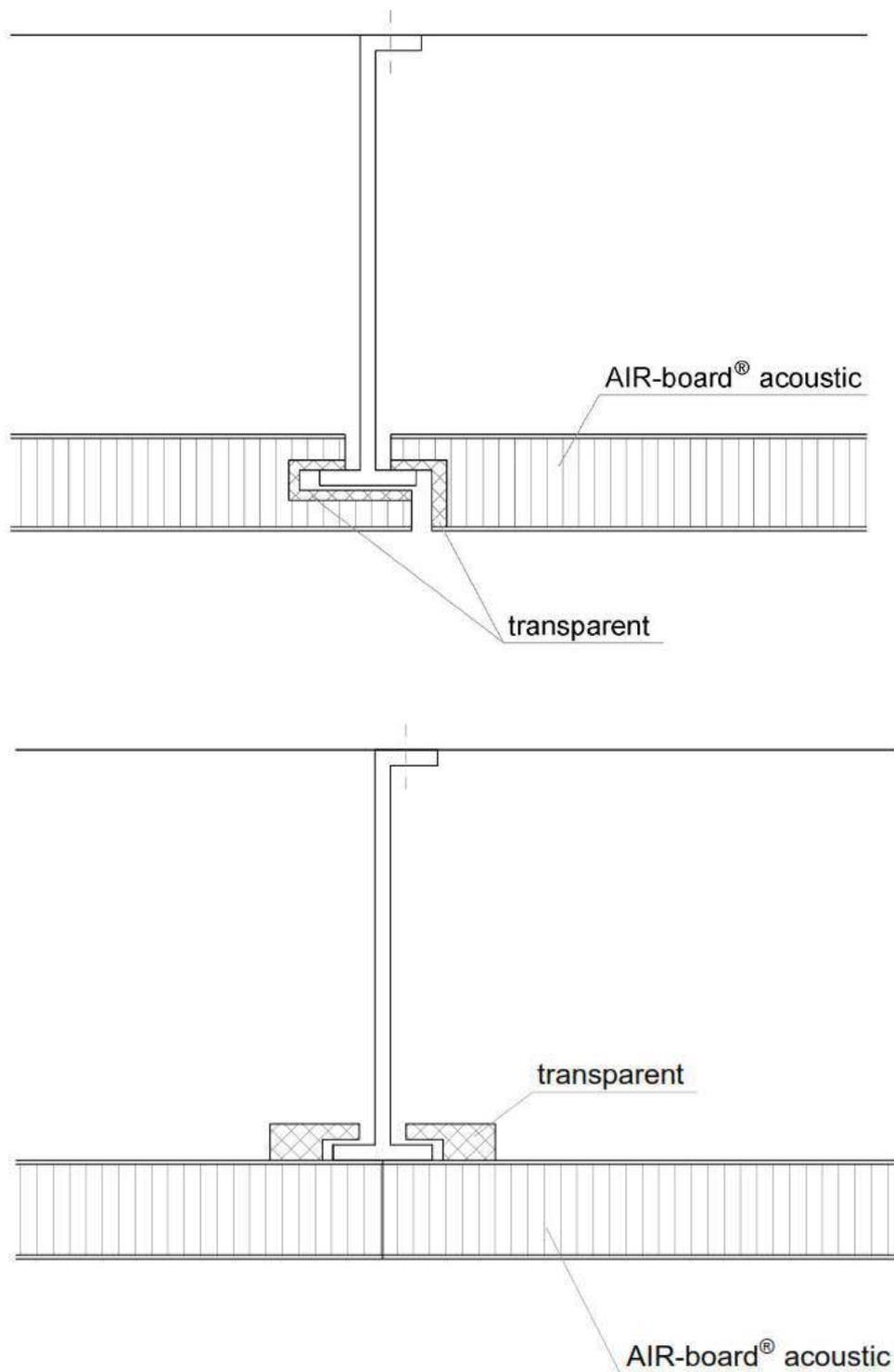
Section:



Mounting instructions

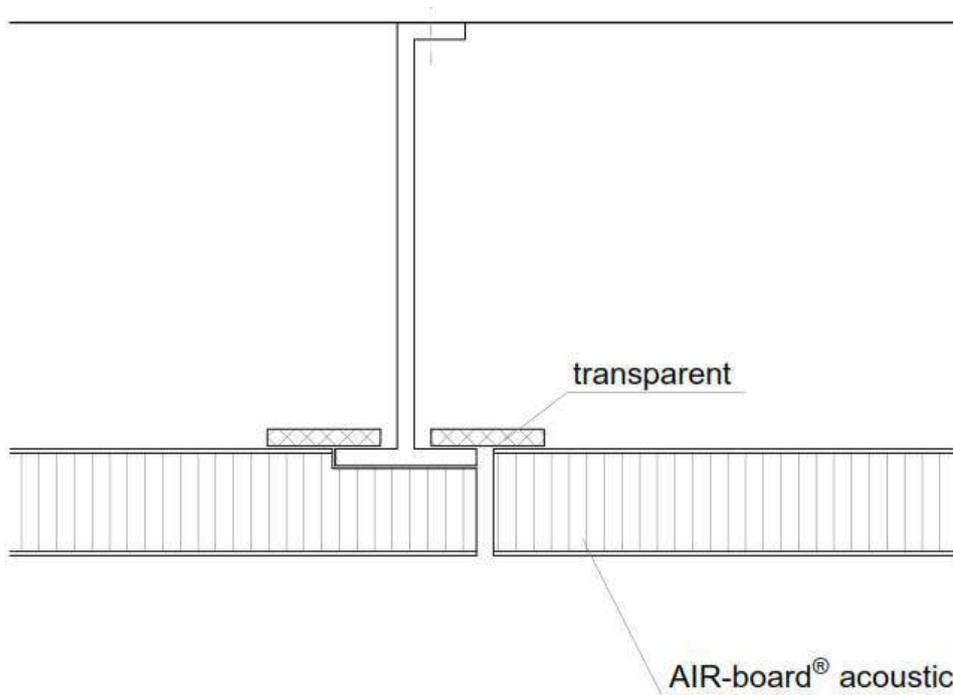
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Ceiling mounting with T-profiles:



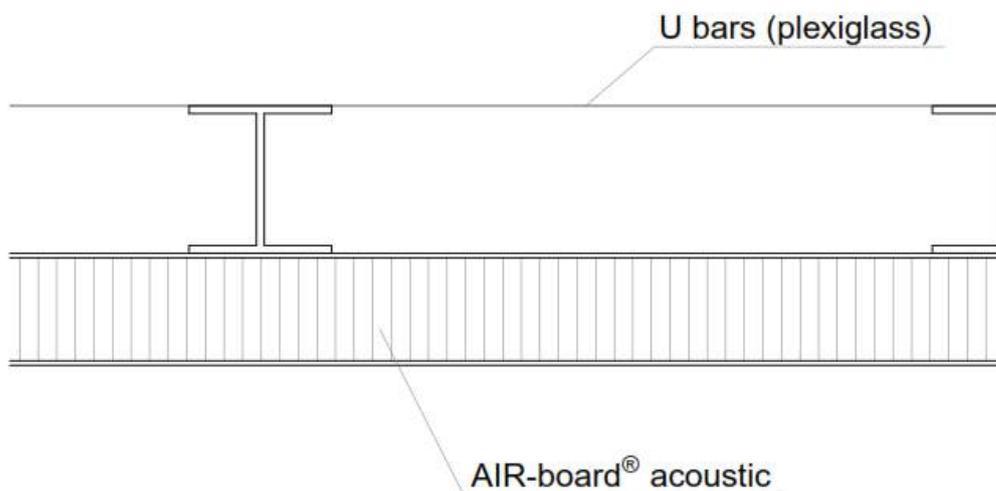
Mounting instructions

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Walls:

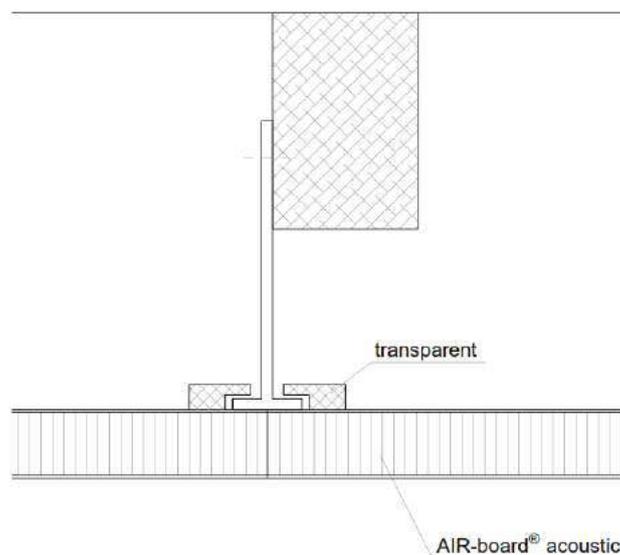
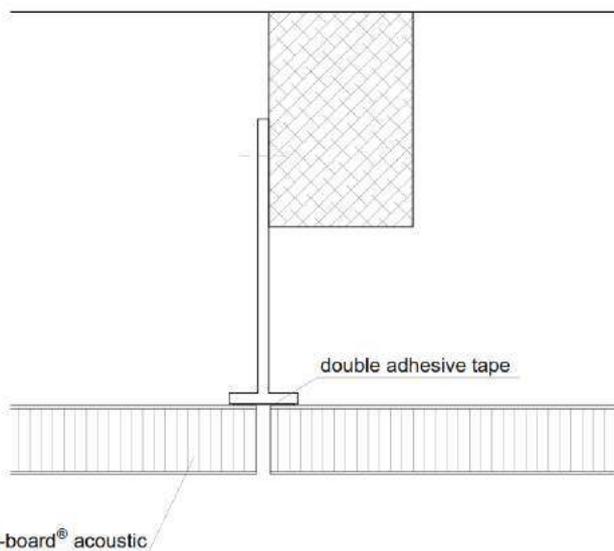
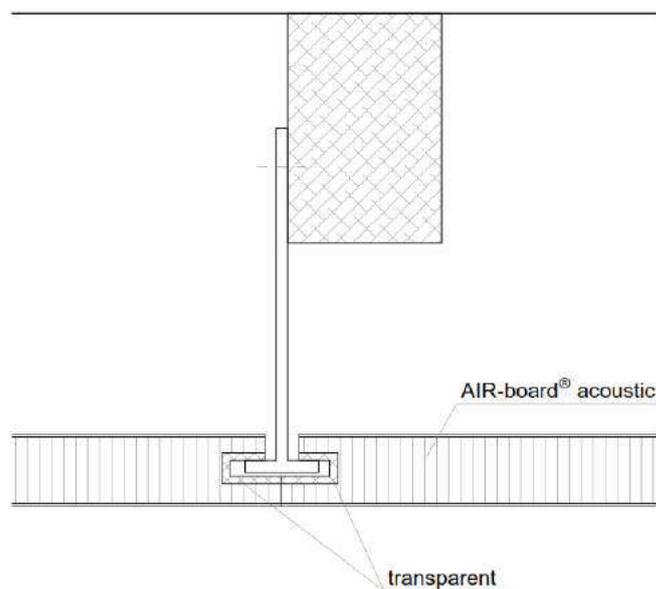
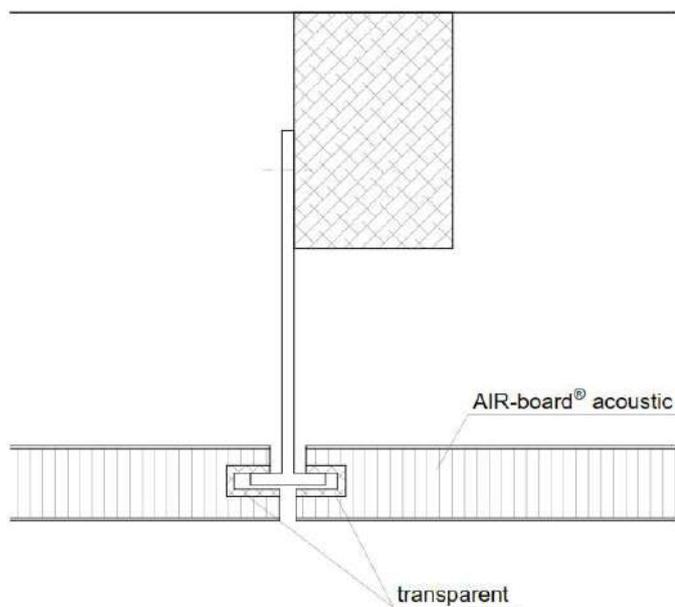
- Wall mounting with transparent acrylic bars and transparent double sided adhesive tape



Mounting instructions

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- Wall mounting with T-bars:

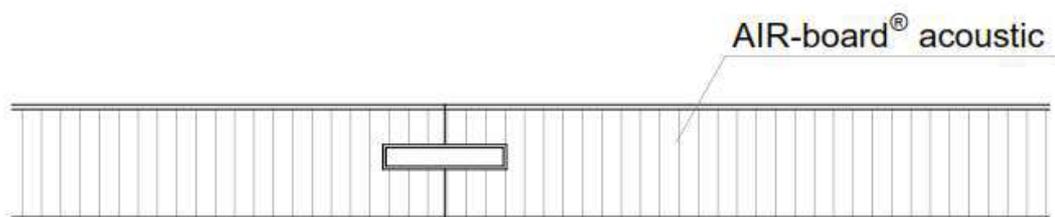


Mounting instructions

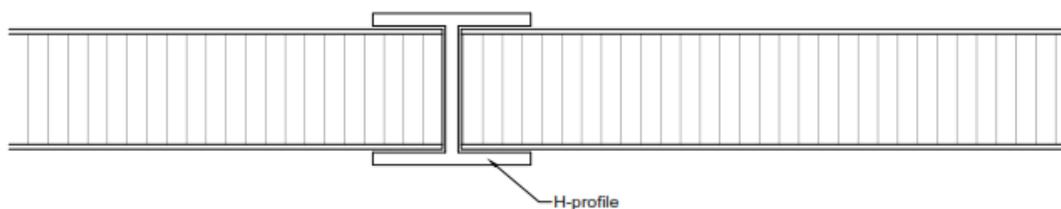
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-180° Panel connection:

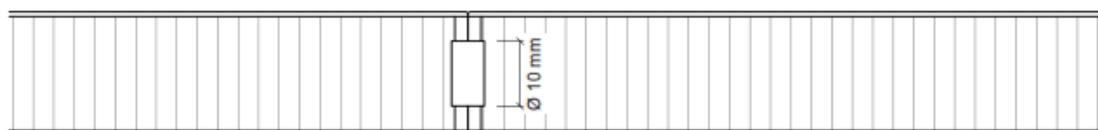
- with Plexiglass tongue:



- with H-profile:



- with translucent edge bandings + transparent studs:



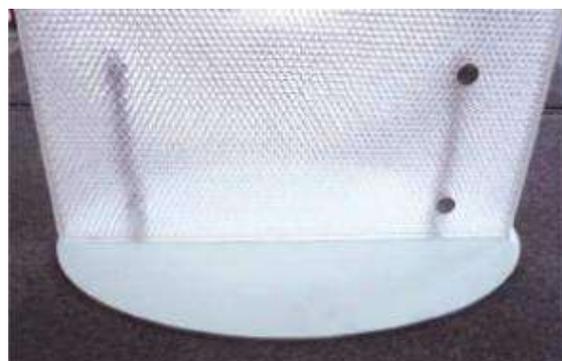
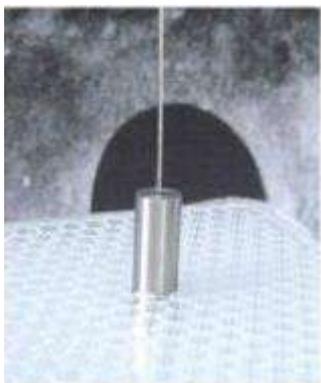
The installation contractor shall have a minimum of 5 years successful experience in installing wood ceiling and wall systems in similar applications using similar techniques of suspension systems.

The manufacturer or distributor can not be held responsible for damage occurred during storage or installation.

Mounting instructions

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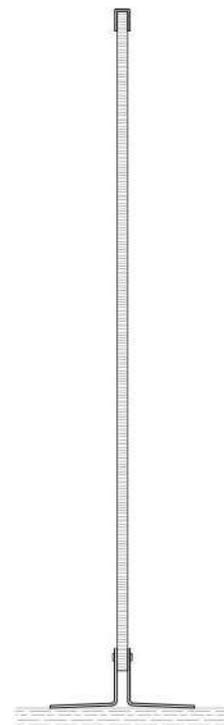
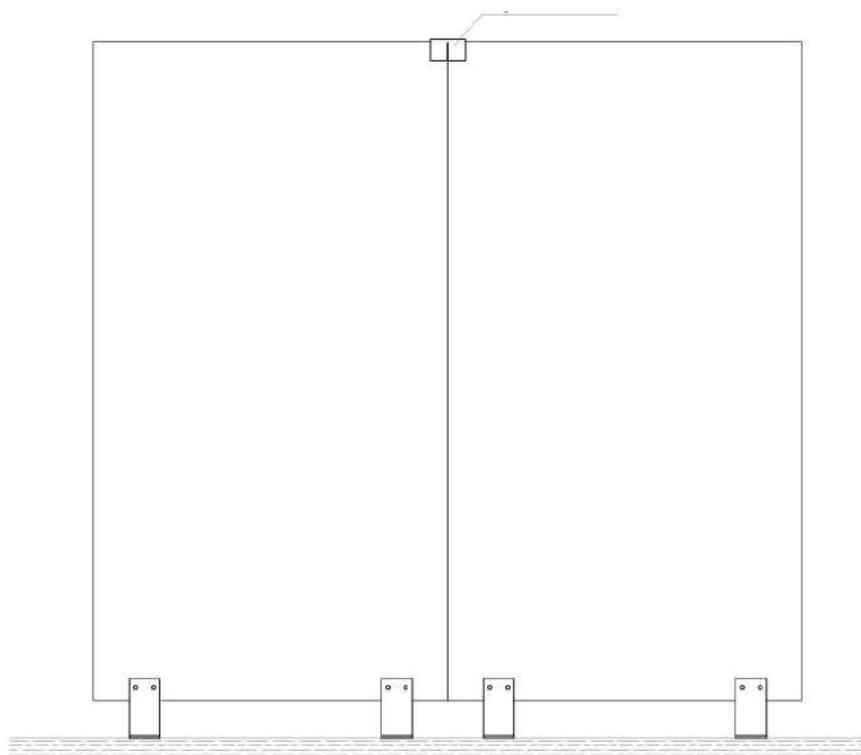
Further mounting examples:



Mounting instructions

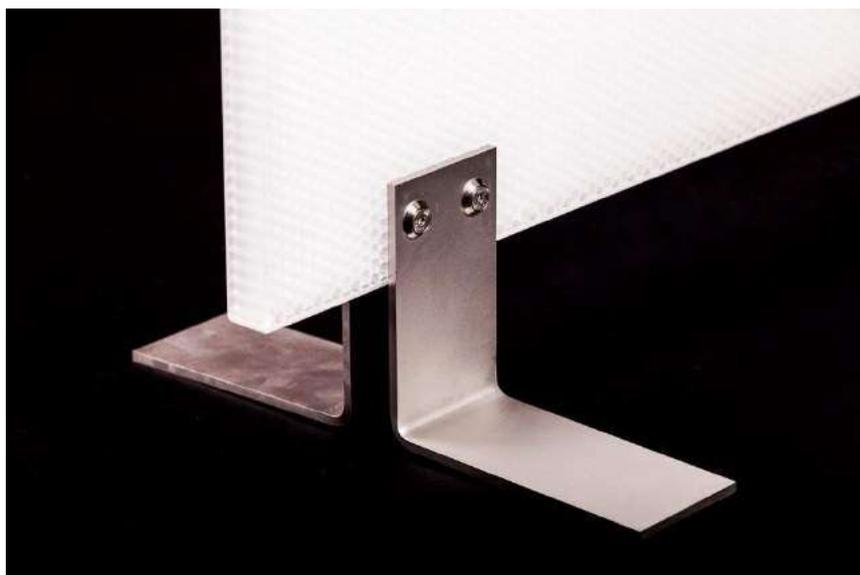
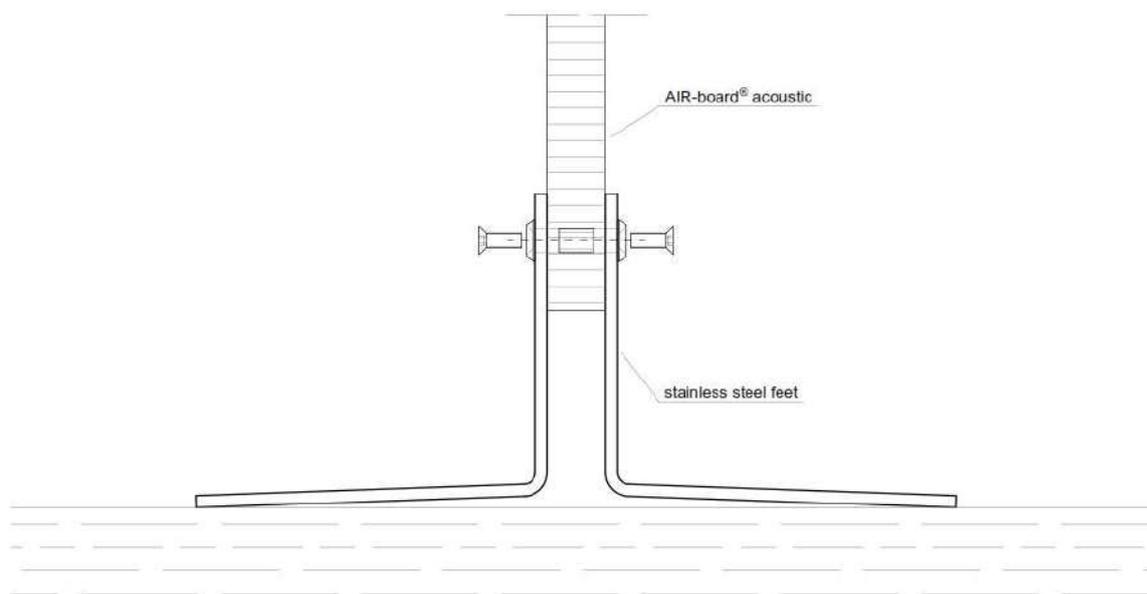
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Partition wall: junction by a horizontal acrylic U-fitting:



Mounting instructions

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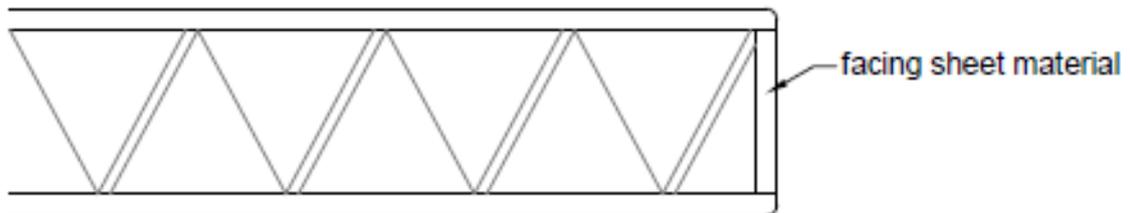
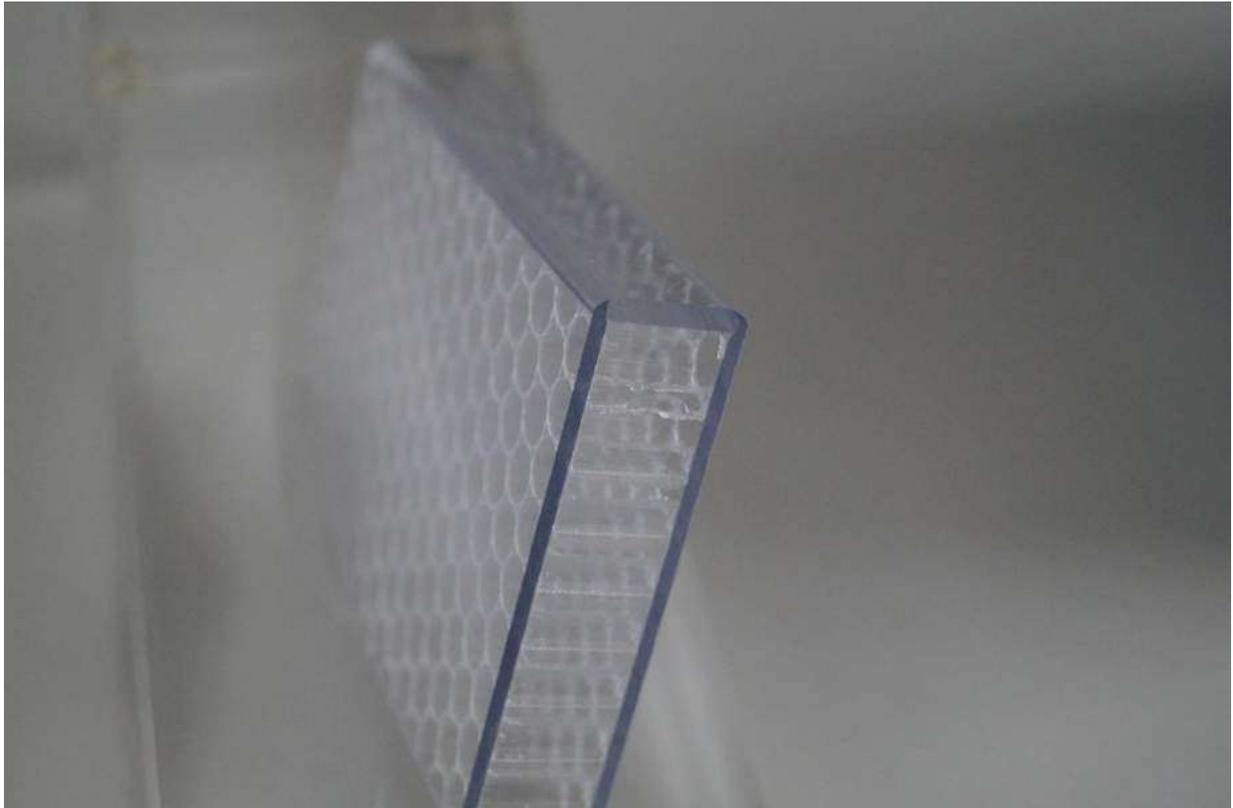


Mounting instructions

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Edge banding:

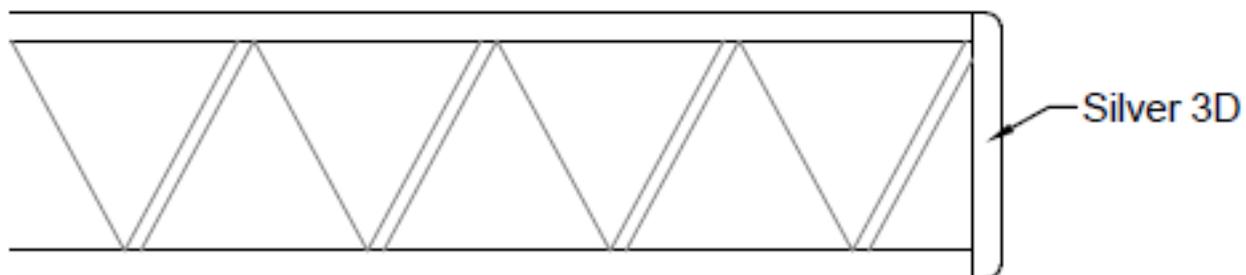
INT-1



Mounting instructions

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INT-2



Mounting instructions

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Stainless steel fittings:

