

# ACOUSTIC WALL COVERING



Decorative solution developed in MDF and PET felt, ideal for decorating interior walls and improving the acoustics of any space. It incorporates a fluted design that allows you to create continuous, contemporary, and unique spaces.

## COMMON USES

Recommended to be used as wall coverings, mounted either on wooden or galvanized profiles partitions, masonry or concrete, among others. It is recommended to be used in moisture free areas. This is an ideal product to decorate homes, offices, commercial and institutional spaces, providing a high finish y and improved acoustics in any room.



## CERTIFICATIONS AND FEATURES



PERFECT FIT  
SHIPLAP



QUICK  
INSTALLATION



INDOOR



HIGH-QUALITY  
FINISHES



FINISHED  
PRODUCT



HIGH  
VERSATILITY AND  
DURABILITY



EFFECTIVE NOISE  
REDUCTION

## AVAILABLE DESIGN

- Oak
- Walnut

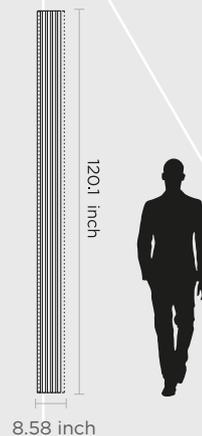
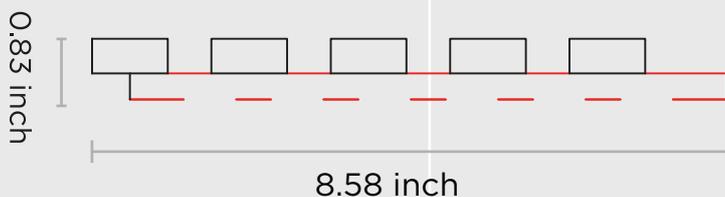
## FEATURES

- Shiplap edge design that eases its assembly.
- Decorative items, such as mirrors, wall frames and others can be hung on it (depending on the structural capacity of the substrate and the technical recommendations of the fastener supplier).
- Final product, it doesn't require any painting or polishing.
- Excellent acoustic properties for indoor spaces, with 50% sound absorption.

NRC	0.50	% Sound Absorption	50%
Substrate	Pigmented black MDF and Polyester felt	Sizes	120.1 x 8.58 inches
Finished Surface	Woodgrain TFL	Joint System	Shiplap
Actual Thickness	0.83 inches (0.35 inches PET filter and 0.48 inches MDF)	Gross Weight	10.1 lbs per package

\*Each box contains 1 piece

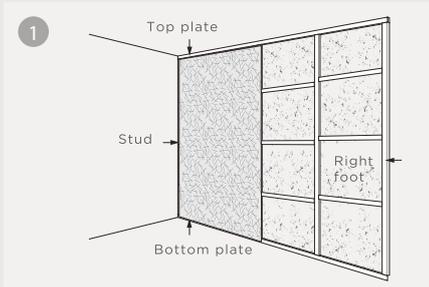
## EDGE PROFILE AND PROPORTIONS



\*Product subject to availability

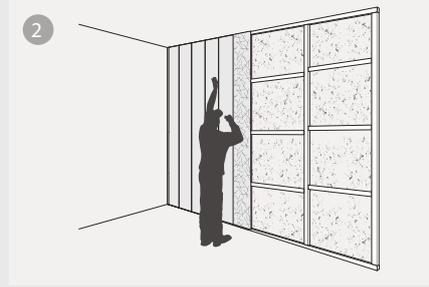
## ASSEMBLY INSTRUCTIONS ON WOOD

### WOODEN FRAMING



Assemble panels directly onto a wooden frame. For improved leveling, insulation and stiffness, cover the frame using MDF/MDP board. It is not recommended to install directly on uneven walls or that release humidity.

### PANEL FIXING



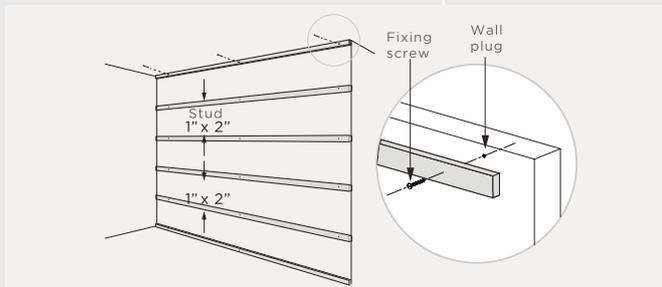
Attach panels with high elasticity adhesive. For extra hold, use 0.13" flat head screws or finishing nails at the edges of fluted panels or on the melamine surface of fluted panels.



Leave a 0.2-0.4" gap around the perimeter. Avoid direct floor installation; maintain at least 0.4" gap to prevent fluid contact.

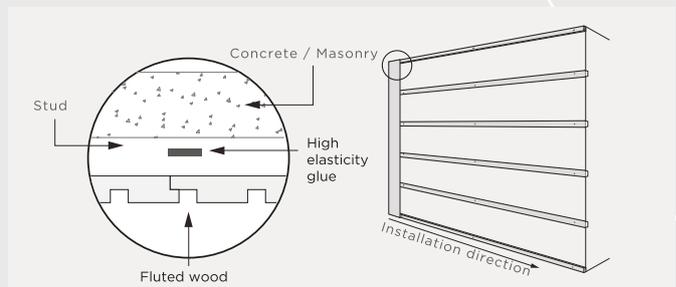
## ASSEMBLY INSTRUCTION ON CONCRETE MASONRY AND DRYWALL

### WOODEN FRAMING



For leveling and insulation, cover walls with MDF's or wood furring strips every 16". Do not install on irregular or humid walls (moisture content should be below 12%). It is not recommended to install directly on walls with irregularities or that release humidity.

### PANEL FIXING



Install wood panels from left to right. Ensure the first piece is level, then secure with adhesive. For added stability, use 0.13" flat head screws of finishing nails at the edges or on the Melamine surface.



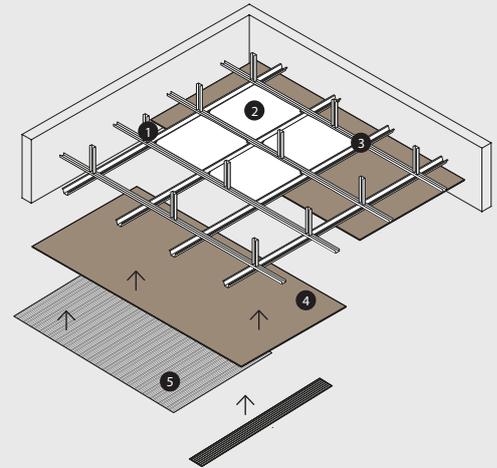
Install additional wood panels using a rubber hammer or wooden block. Avoid striking the shiplap edge directly with the hammer as this could cause damage.

## ASSEMBLY INSTRUCTIONS INSTALLATION TO CEILINGS

To install panels to ceilings, first fix 1" x 2" pine pieces on the base framing, with a gap no wider to 15 <sup>3</sup>/<sub>4</sub> inches. Then, install Masisa Ecoplac OLB or similar lining or other surface.

Finally, stick directly on panel with high elasticity adhesive. Fixing must be strengthened with 0.13" flat head screws on edges of Fluted panels.

1. Rigid tensor
2. Insulation
3. Mounting profile
4. Ecoplac Masisa lining
5. Fluted panels



## IMPORTANT RECOMMENDATIONS

- It is essential to acclimatize the panels during 48 hours before its mounting and in the place where it will be installed.
- The place where the panel will be installed must be moisture free.
- It is recommended to install Ecoplac Masisa before lining installation when:  
Walls are not well leveled.  
The wood piece shafts are not placed to the required distance.  
Higher insulation is needed.
- Mounting wall must be clean and smooth before lining installation. Remove any roughness of 0.07" or more.
- When cutting panels, if using a hand saw, make the cut with the decorative side facing up, and if using an electric saw, make the cut with the decorative side facing down.
- Sawing must be made with WIDIA disc (or similar), 86 teeth with rip blades, following the rotation speed specifications v/s moving speed provided by the manufacturer of each equipment.
- For a correct assemble and joint fixing, floor and wall installation level must be perfect. On the contrary, incorrect joints will be produced.
- If a higher level of insulation is required for the panels, an insulating product can be added before installing the cladding.
- It is recommended to use a mounting high elasticity adhesive, based on polyurethane, with elastic properties, moisture resistant and fast drying.
- 0,2" to 0,4" perimeter gap is recommended per side.
- Do not install direct to floor (due to contact with fluids), considering a gap not less to 0,4".

\*The tolerance of this product may vary by up to +0.1 inches per piece.

*The Noise Reduction Coefficient (NRC) obtained is defined according to ASTM C423 norm. Test standard(s): ISO 354:2003 Acoustics - Measurement of Sound absorption in a Reverberation Room ISO 11654:1997 Acoustics - Sound absorbers for use in buildings - Rating of sound absorption.*

*The items tested correspond to a 0.35 inches PET felt panel with Woodgrain TFL MDF slats attached, called "Acoustic waves wall covering," manufactured by Masisa S.A.*

*The PET felt is made from 100% polyester.*