Advies nodig? Klik hier

Contactformulier

De Vorm Mute

DeVorm

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Mute Peak
PET Felt Acoustic Panel

- made from recycled PET bottles
- sound-dampening effect
- easy to mount and process
- suitable for contract use
- optional fire retardant treatment

Colours

Panel

Note: Due to the recycled content of the PET felt, color differences may occur.

Note: The panels can be treated with a fire retardant product upon request.

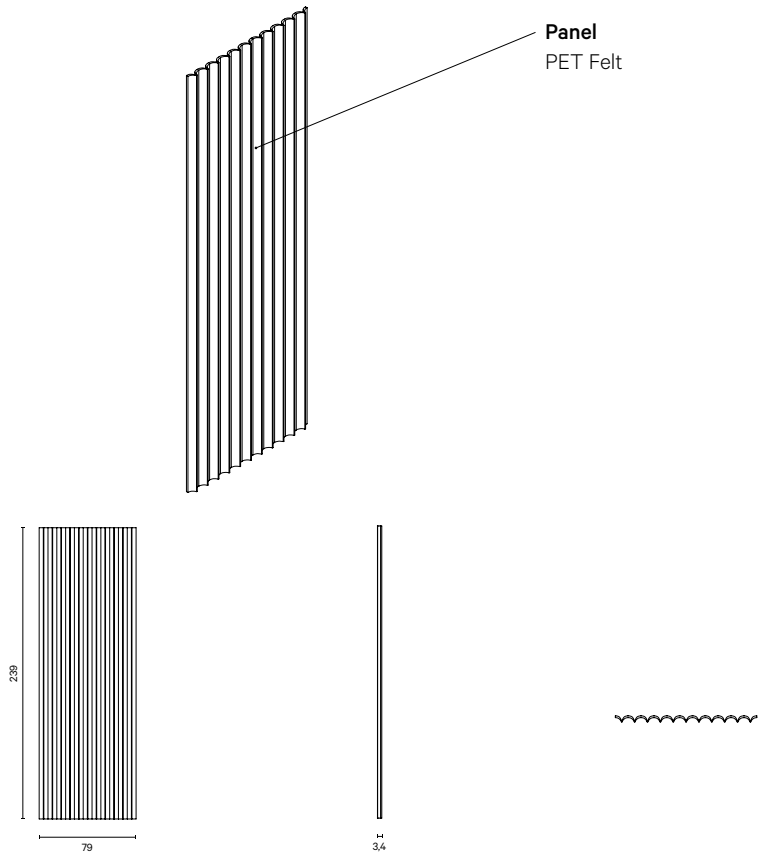
DeVorm

Mute Peak, the latest addition to De Vorm's Mute Series, is engineered with curved and arched surfaces in mind. From grand auditoriums to intimate corners, this innovative acoustic panel not only offers a seamless fit but also enhances the aesthetic and acoustic quality of any space. Its unique peaks and valleys serve a dual purpose, creating a visually striking effect while significantly boosting sound absorption.

Designed by **De Vorm**

Product overview

Weight	6.3 kg
PET Felt thickness	6 mm



Care & Maintenance

For regular care, we recommend dusting or vacuuming PET Felt occasionally. Most stains can be easily cleaned with water. It is advised to dab the contaminated surface with a dry cloth while it is wet. Do not rub PET Felt to avoid excessive pilling and let the material dry naturally. If water is not sufficient, stubborn stains can be removed with professional cleaning products like the James cleaning set.

Downloads

3D files, technical drawings and Hi-Res images are available

Additional information

You can find further maintenance recommendations, warranty terms and corporate information

Mute Fit
PET Felt Acoustic Panel

- made from recycled PET bottles
- sound-dampening effect
- easy to mount and process
- suitable for contract use
- optional fire retardant treatment

Colours

Panel

Note: Due to the recycled content of the PET felt, color differences may occur.

Specifications

Reaction to fire classification

- ASTM E 84 test result **Class 1 or Class A**
- EN_13501-1:2018 test result **B-s2, d0**

Sound absorption

Mounting method	Directly on the wall	50 mm cavity	50 mm cavity + rockwool	100 mm cavity	100 mm cavity + rockwool
NRC	0.60	0.75	0.85	0.80	0.85
aw	0.50	0.80	0.90	0.85	0.85
Acoustic class	C	C	B	B	B

Note: The panels can be treated with a fire retardant product upon request.

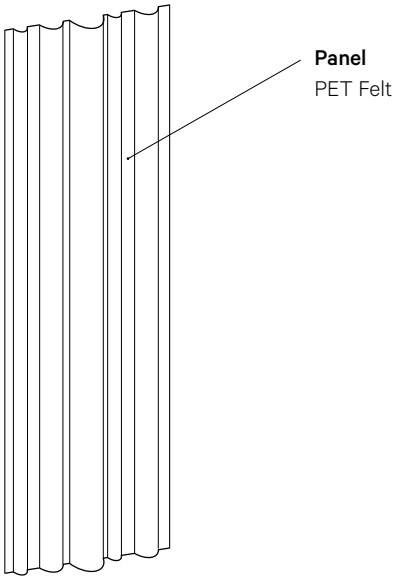
DeVorm

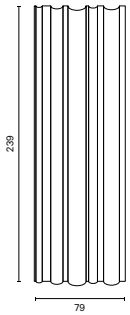
The name speaks for itself - Mute Fit always fits. This smart acoustic panel was designed to match every size and surface. The panel is made from PET Felt, a recycled material with soft appearance and pleasant felt texture. Inspired by a draped curtain, its asymmetric pattern combines many different flat and curved sections. It ensures that any piece cut out of the panel had flat sides and could be seamlessly connected with the rest of the installation. Mute Fit is available in 11 unique colour blends, offering a great alternative to bare walls.

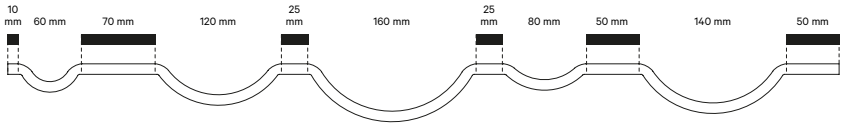
Designed by **De Vorm**

Product overview

Weight 7 kg
PET Felt thickness 10 mm







Certifications

- Determination of sound absorption report
- EN 13501-1:2018 Fire classification of construction products and building elements (tested on panels with fire retardant treatment)
- ASTM E 84 Surface Burning Characteristics (tested on panels with fire retardant treatment)

Care & Maintenance

For regular care, we recommend dusting or vacuuming PET Felt occasionally. Most stains can be easily cleaned with water. It is advised to dab the contaminated surface with a dry cloth while it is wet. Do not rub PET Felt to avoid excessive pilling and let the material dry naturally. If water is not sufficient, stubborn stains can be removed with professional cleaning products like the James cleaning set.

Downloads

3D files, technical drawings and Hi-Res images are available

Additional information

You can find further maintenance recommendations, warranty terms and corporate information

Best of Products Winner

DESIGN AWARD 2021

Mute Fraction
PET Felt Acoustic Panel

- made from recycled PET bottles
- can be applied both horizontally and vertically
- easy to mount and process
- suitable for contract use
- optional fire retardant treatment

Colours

Panel

Note: Due to the recycled content of the PET felt, color differences may occur.

The panels can be treated with a fire retardant product upon request.

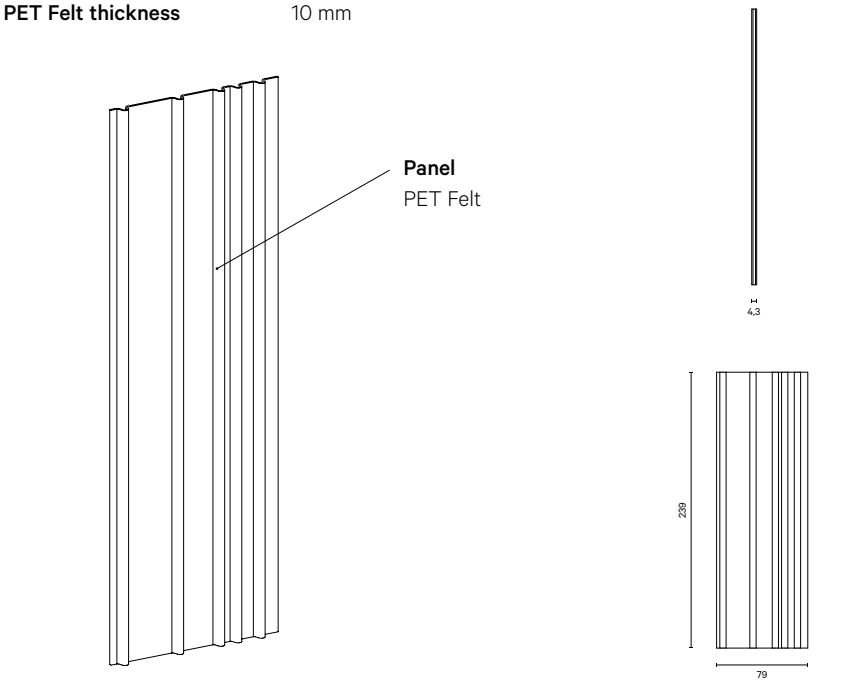
DeVorm

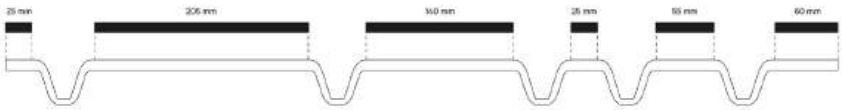
The graphic pattern of Mute Fraction consists of unequal flat segments divided by parallel ribs. Inspired by the plastic number, the panel follows optimal proportions, allowing to split it into fractions and continue the pattern endlessly. Whether applied horizontally or vertically, Mute Fraction offers a bold yet balanced expression and outstanding acoustic performance. Choose from 11 colours and experiment with the pattern to create your own statement piece.

Designed by **De Vorm**

Product overview

Weight	6.7 kg
PET Felt thickness	10 mm





Care & Maintenance

For regular care, we recommend dusting or vacuuming PET Felt occasionally. Most stains can be easily cleaned with water. It is advised to dab the contaminated surface with a dry cloth while it is wet. Do not rub PET Felt to avoid excessive pilling and let the material dry naturally. If water is not sufficient, stubborn stains can be removed with professional cleaning products like the James cleaning set.

Downloads

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Additional information

You can find further maintenance recommendations, warranty terms and corporate information

Mute Flow
PET Felt Room Divider

- made from recycled PET bottles
- sound-dampening effect
- easy to move around
- suitable for contract use

Colours

Panel

Note: Due to the recycled content of the PET felt, color differences may occur.

Stand

Standard	RAL 9011 (Black) | RAL 9010 (White) with 70% gloss degree
Custom	Any RAL colour with 70% gloss degree
Fine texture	RAL 1012 (Yellow) / RAL 3005 (Pink)
	RAL 5008 (Marine) / RAL 5020 (Turquoise)
	RAL 6007 (Dark Green) RAL 6020 (Green)
*Fine texture finishes are ton sur ton with PET Felt colours.	RAL 7015 (Dark Grey) / RAL 7033 (Olive)
	RAL 7044 (Beige) / RAL 7045 (Light Grey)
	RAL 8014 (Brown) RAL 9011 (Graphite Black)

Note: The panels can be treated with a fire retardant product upon request.

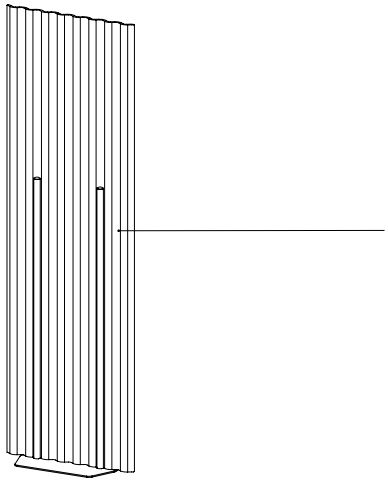
DeVorm

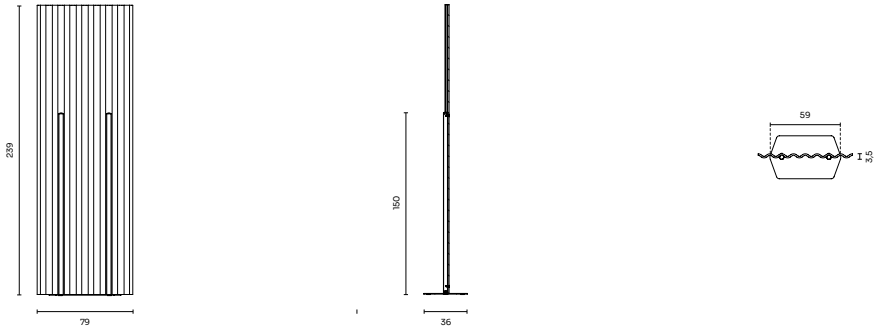
Mute Flow Room Divider offers functional partitioning for open spaces. The acoustic panel comes on a freestanding steel base that can be easily moved around. Made from PET felt, the panel has a pleasant soft texture and provides a gentle sound-dampening effect. Mute Flow Room Divider will bring structure to open-plan office interiors, public spaces and restaurants and hotels. Available in eleven unique PET Felt blends and many custom colours for the base.

Designed by **De Vorm**

Product overview

Weight 20 kg





Care & Maintenance
For regular care, we recommend dusting or vacuuming PET Felt occasionally. Most stains can be easily cleaned with water. It is advised to dab the contaminated surface with a dry cloth while it is wet. Do not rub PET Felt to avoid excessive pilling and let the material dry naturally. If water is not sufficient, stubborn stains can be removed with professional cleaning products like the James cleaning set.

Downloads
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Additional information
You can find further maintenance recommendations, warranty terms and corporate information

Mute Flow
PET Felt Acoustic Panel

- made from recycled PET bottles
- sound-dampening effect
- easy to mount and process
- suitable for contract use
- optional fire retardant treatment

Colours

Panel

Note: Due to the recycled content of the PET felt, color differences may occur.

Specifications

Reaction to fire classification

- ASTM E 84 test result — *Class 1 or Class A*
- EN_13501-1:2018 test result — *B-s2, d0*

Sound absorption

Mounting method	Directly on the wall	50 mm cavity	50 mm cavity + rock-wool	100 mm cavity	100 mm cavity + rock-wool
NRC	0.60	0.75	0.90	0.90	0.95
aw	0.45	0.70	1.00	0.95	0.95
Acoustic class	D	C	A	A	A

Note: The panels can be treated with a fire retardant product upon request.

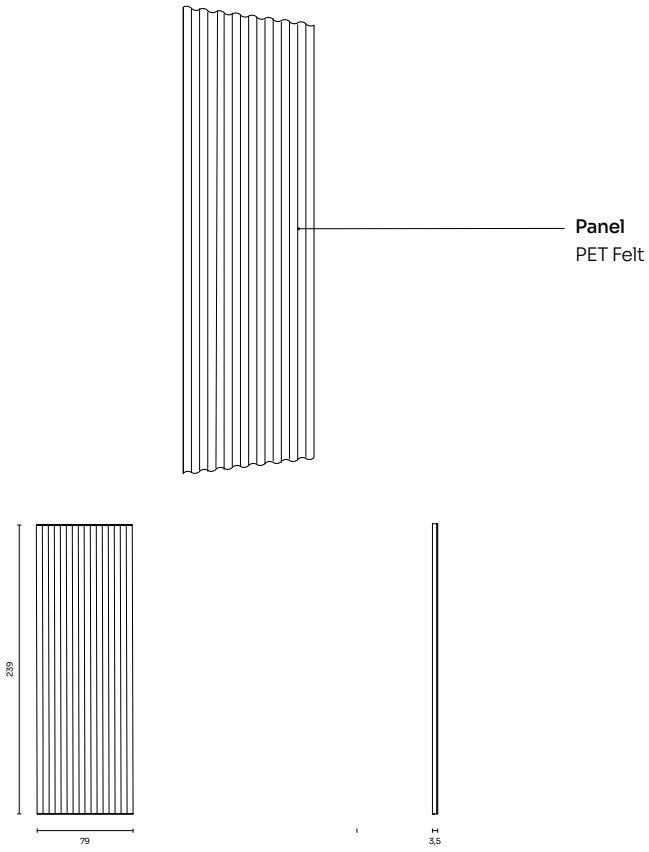
DeVorm

Mute Flow owes its name to the distinctive wavy pattern, adding a playful touch to any interior. Not only do the waves work aesthetically, but they also improve the acoustic performance of the panel. Mute Flow is made from PET Felt, a recycled material with soft appearance and pleasant felt texture. It is easy to process and mount on any surface. Create a great alternative to bare walls with 11 unique colour blends.

Designed by **De Vorm**

Product overview

Weight	6.8 kg
PET Felt thickness	10 mm



Certifications

- Determination of sound absorption report
- EN 13501-1:2018 Fire classification of construction products and building elements (tested on panels with fire retardant treatment)
- ASTM E 84 Surface Burning Characteristics (tested on panels with fire retardant treatment)

Care & Maintenance

For regular care, we recommend dusting or vacuuming PET Felt occasionally. Most stains can be easily cleaned with water. It is advised to dab the contaminated surface with a dry cloth while it is wet. Do not rub PET Felt to avoid excessive pilling and let the material dry naturally. If water is not sufficient, stubborn stains can be removed with professional cleaning products like the James cleaning set.

Downloads

3D files, technical drawings and Hi-Res images are available

Additional information

You can find further maintenance recommendations, warranty terms and corporate information

Mute Flat
PET Felt Acoustic Panel

- made from recycled PET bottles
- sound-dampening effect
- easy to mount and process
- suitable for contract use
- optional fire retardant treatment

Colours

Panel

Note: Due to the recycled content of the PET felt, color differences may occur.

Specifications

Reaction to fire classification

- ASTM E 84 test result — *Class 1 or Class A*
- EN_13501-1:2018 test result — *B-s2, d0*

Sound absorption

Mounting method	Directly on the wall	50 mm cavity	50 mm cavity + rock-wool	100 mm cavity	100 mm cavity + rock-wool
NRC	0.40	0.70	0.80	0.75	0.80
aw	0.25	0.75	0.85	0.80	0.80
Acoustic class	D	C	B	C	B

Note: The panels can be treated with a fire retardant product upon request.

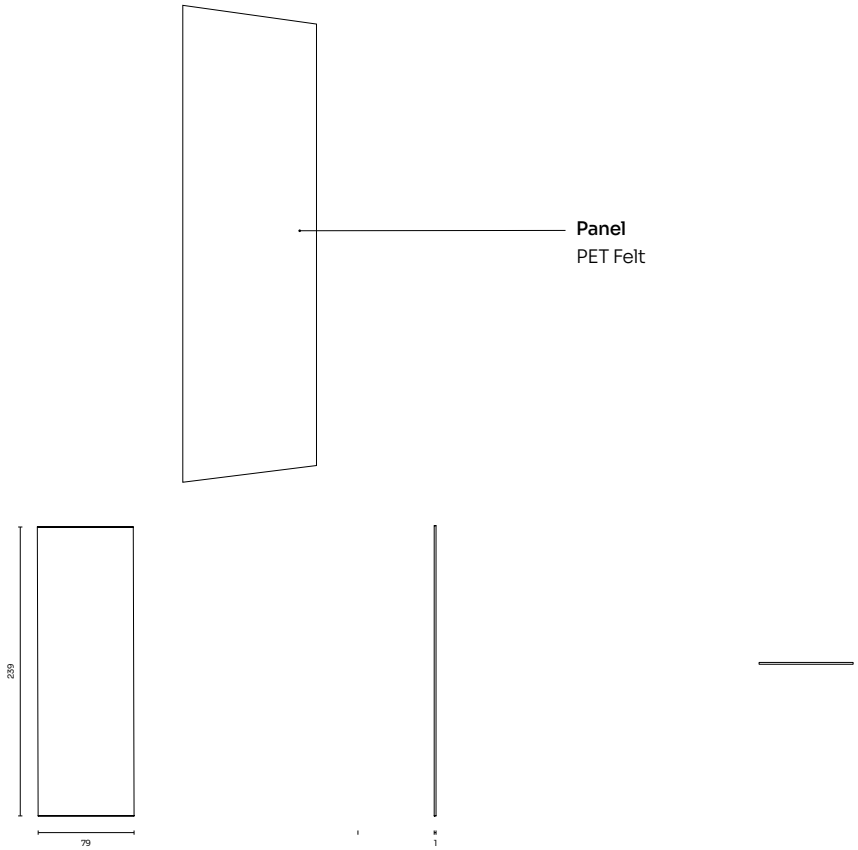
DeVorm

Mute Flat is a universal acoustic panel with warm appearance and soft texture. Made from PET Felt, the panel provides a gentle sound-dampening treatment for walls and other reflective surfaces. Mute Flat is easy to mount and process, providing various applications in both large and small spaces. Bring any design to life with 11 unique PET Felt colour blends.

Designed by **De Vorm**

Product overview

Weight	5.5 kg
PET Felt thickness	10 mm



Certifications

- Determination of sound absorption report
- EN 13501-1:2018 Fire classification of construction products and building elements (tested on panels with fire retardant treatment)
- ASTM E 84 Surface Burning Characteristics (tested on panels with fire retardant treatment)

Care & Maintenance

For regular care, we recommend dusting or vacuuming PET Felt occasionally. Most stains can be easily cleaned with water. It is advised to dab the contaminated surface with a dry cloth while it is wet. Do not rub PET Felt to avoid excessive pilling and let the material dry naturally. If water is not sufficient, stubborn stains can be removed with professional cleaning products like the James cleaning set.

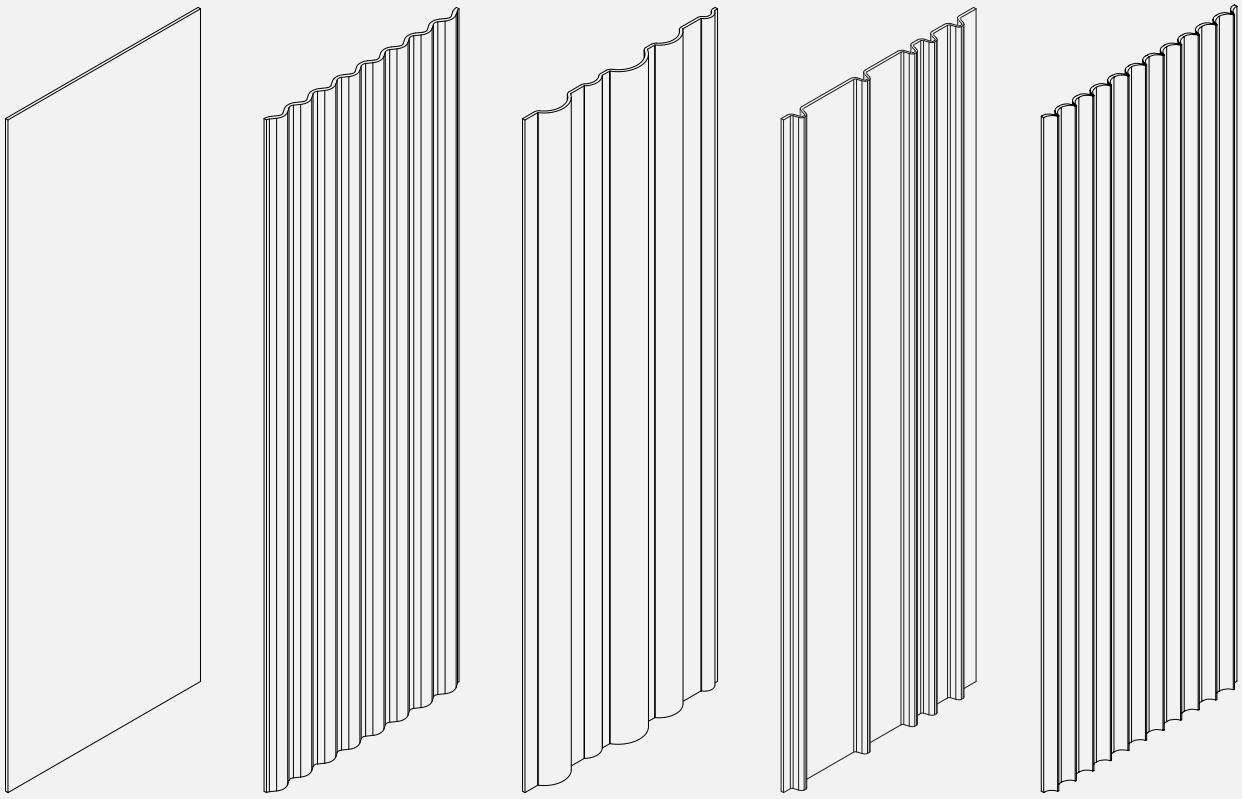
Downloads

3D files, technical drawings and Hi-Res images are available

Additional information

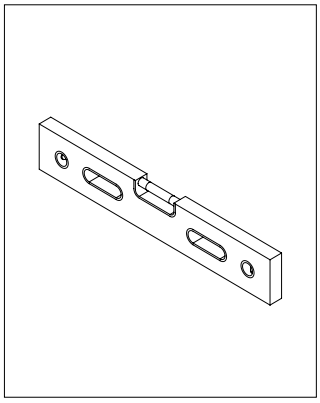
You can find further maintenance recommendations, warranty terms and corporate information

Mute PET Felt Acoustic Panels
Installation Guide

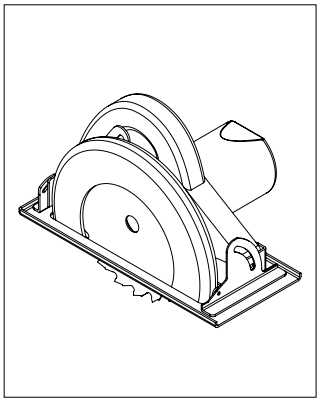


DeVorm

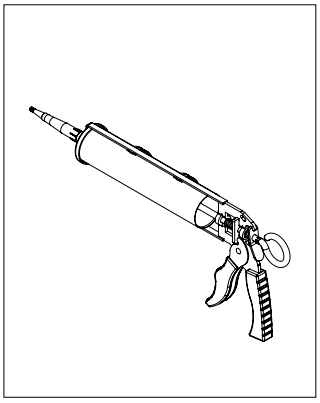
Tools



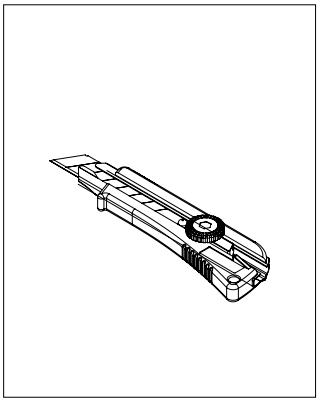
Level



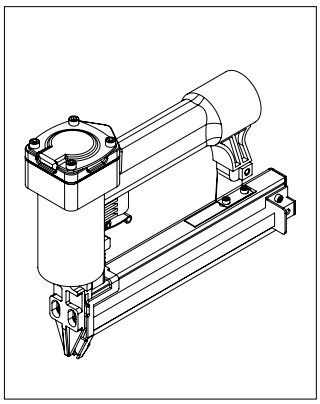
Circular saw



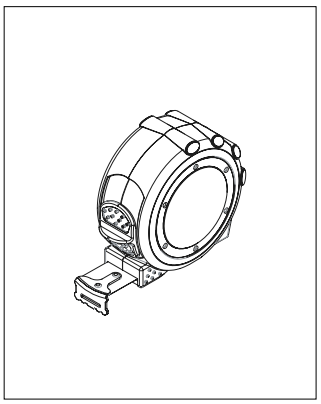
Caulking gun



Snap-off
blade cutter

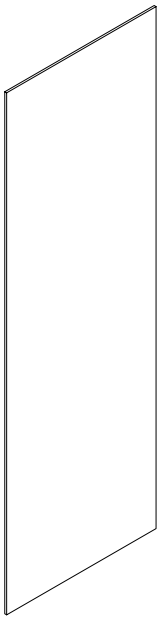


Nail gun

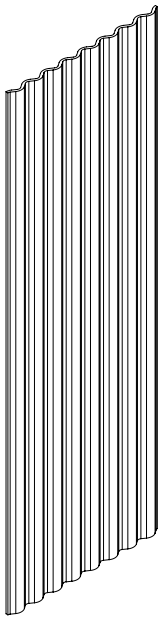


Measuring
tape

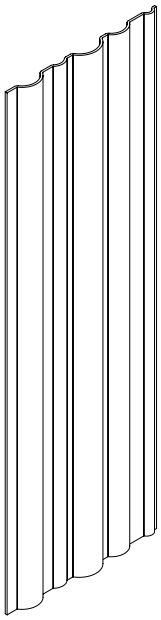
Panels



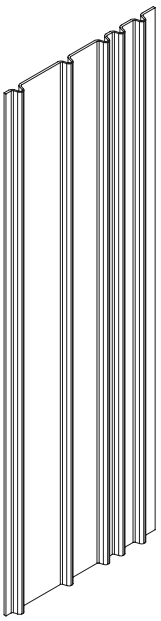
Mute Flat



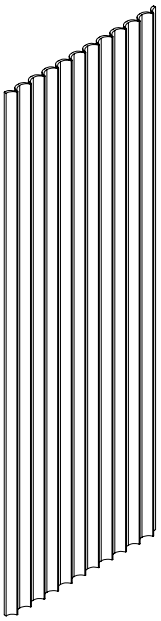
Mute Flow



Mute Fit



Mute Fraction



Mute Peak

Before you begin

Since PET Felt panels are made of recycled material, they may have slight colour differences.

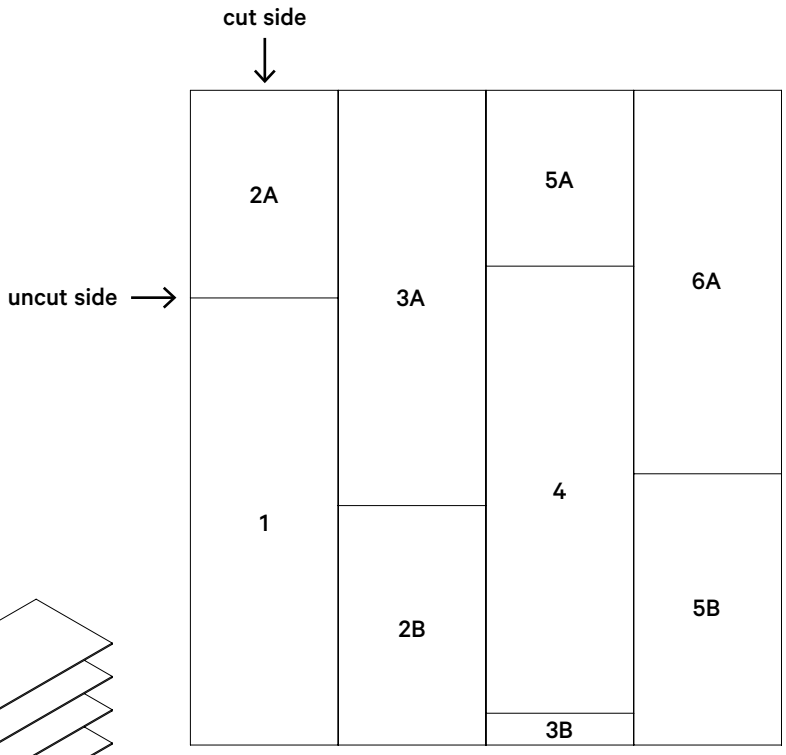
To keep the colour differences to a minimum, we advise installing the panels in the same order as stacked in a box, keeping the top of the panel as the front side.

PET Felt panels should be handled carefully during transportation and unloading. The dimensions and flexibility of a single panel usually require two people to lift it.

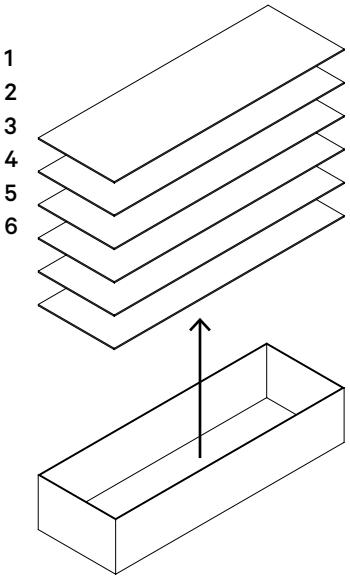
If you install the Mute panels with a fire retardant treatment, make sure to mount them on a non-combustible background and / or use non-combustible mounting materials.

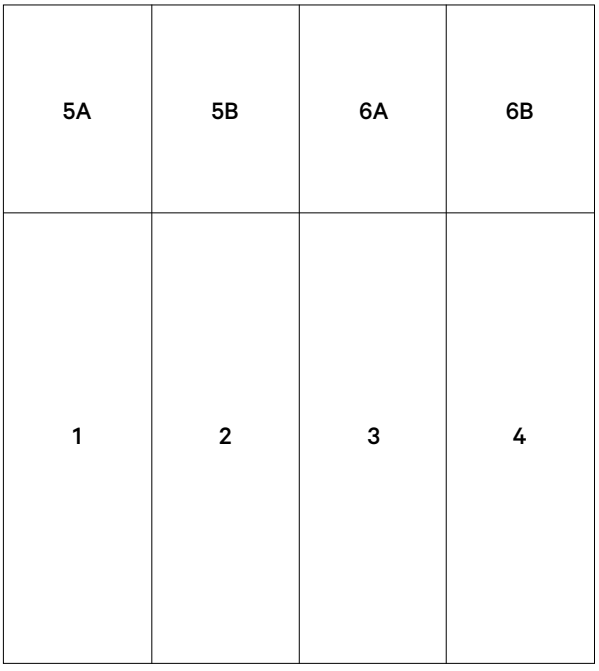
To achieve the most seamless transition between the panels, it is important to place them tightly against each other. You can do this by firmly pressing a loose panel against the already installed part before attaching it.

Installation order



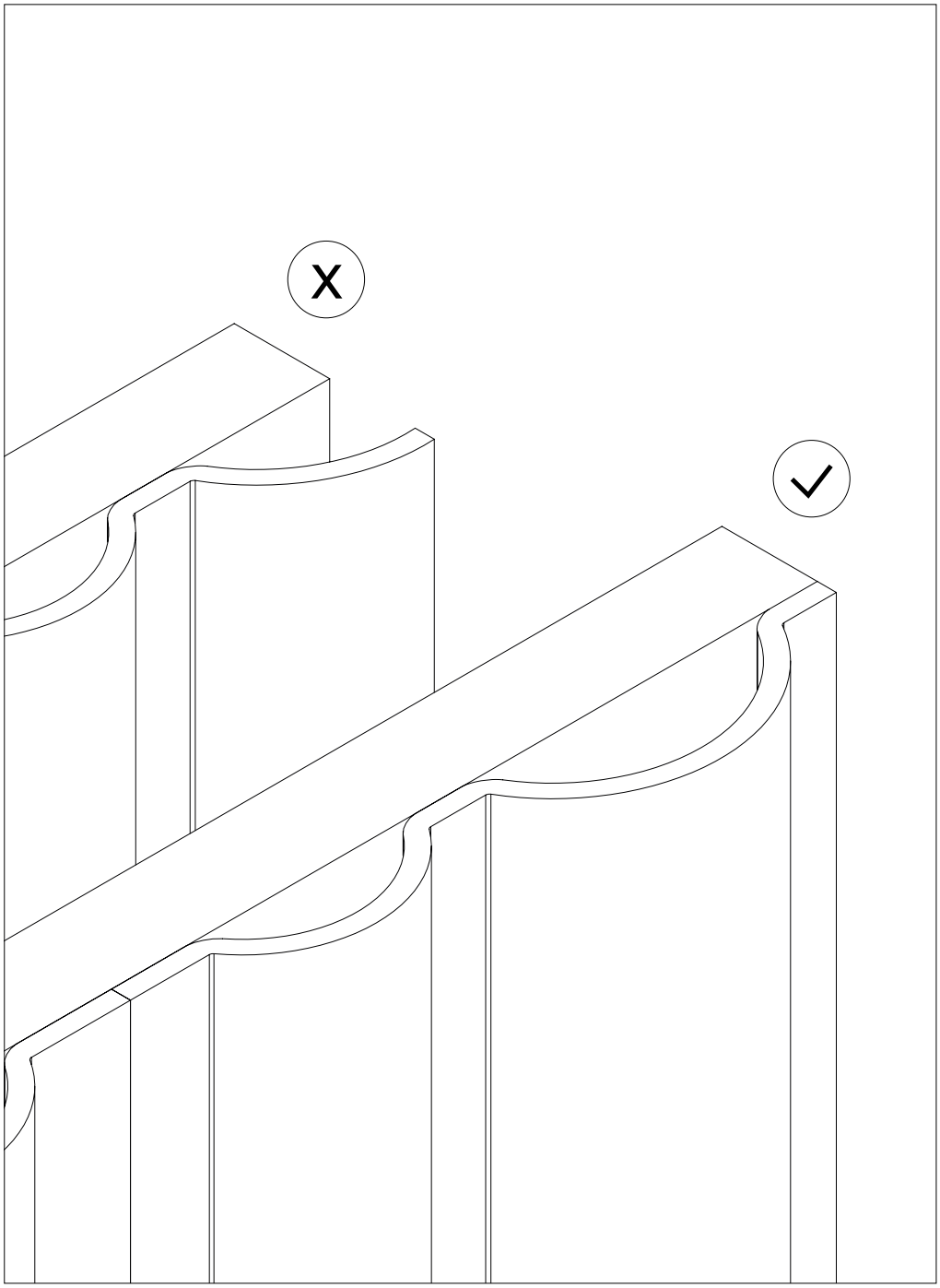
If you need to stack the panels, we advise you to use the pattern as shown here. An asymmetric pattern ensures that the colour differences are less visible. Always place the cutting side on the outside (ceiling or floor side).





Never use one panel to fill the missing smaller pieces. We advise cutting / installing the panels in the same order as stacked in a box to avoid colour differences.

Cutting panels to size



PET Felt panels can be cut using a circular saw or a blade cutter.

Circular saw
The best way to cut PET Felt panels is using a circular saw. We recommend testing the speed of the saw first to prevent the material from melting. If the cut sides of the panels get too rough, you can gently smoothen them with sanding paper.

Blade cutter
Smaller, tailor-made cut-outs and alterations can be made on-site with a snap-off blade cutter and a ruler.

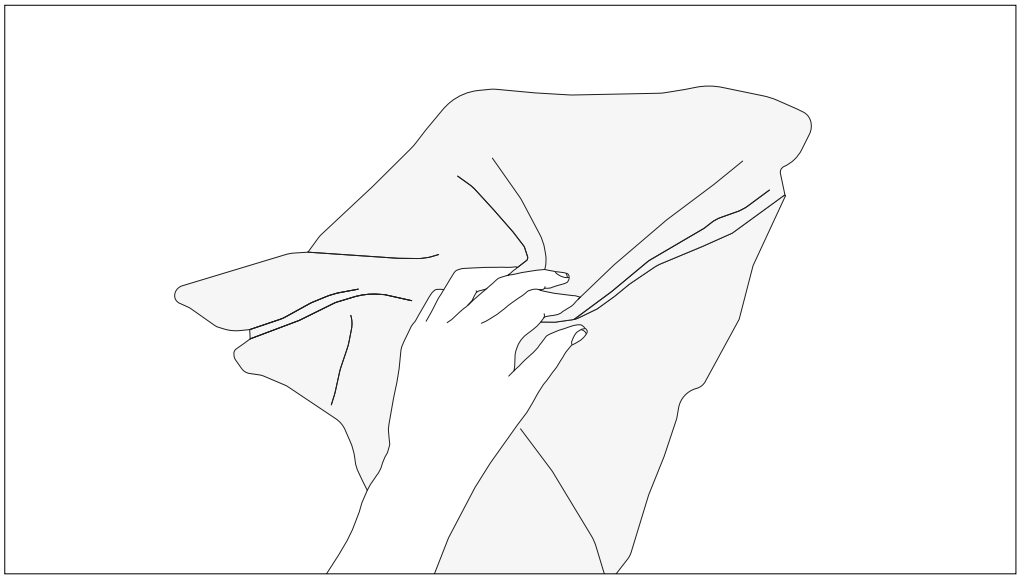
Define how you would like to cut the panels. If a panel has flat areas in its pattern (such as Mute Fit or Mute Fraction*), make sure that every part you cut ends with a flat edge.

You can draw the reference markings for the cutting lines on the backside of the panel.

*See Appendix for the measurements of Mute Fit and Mute Fraction.

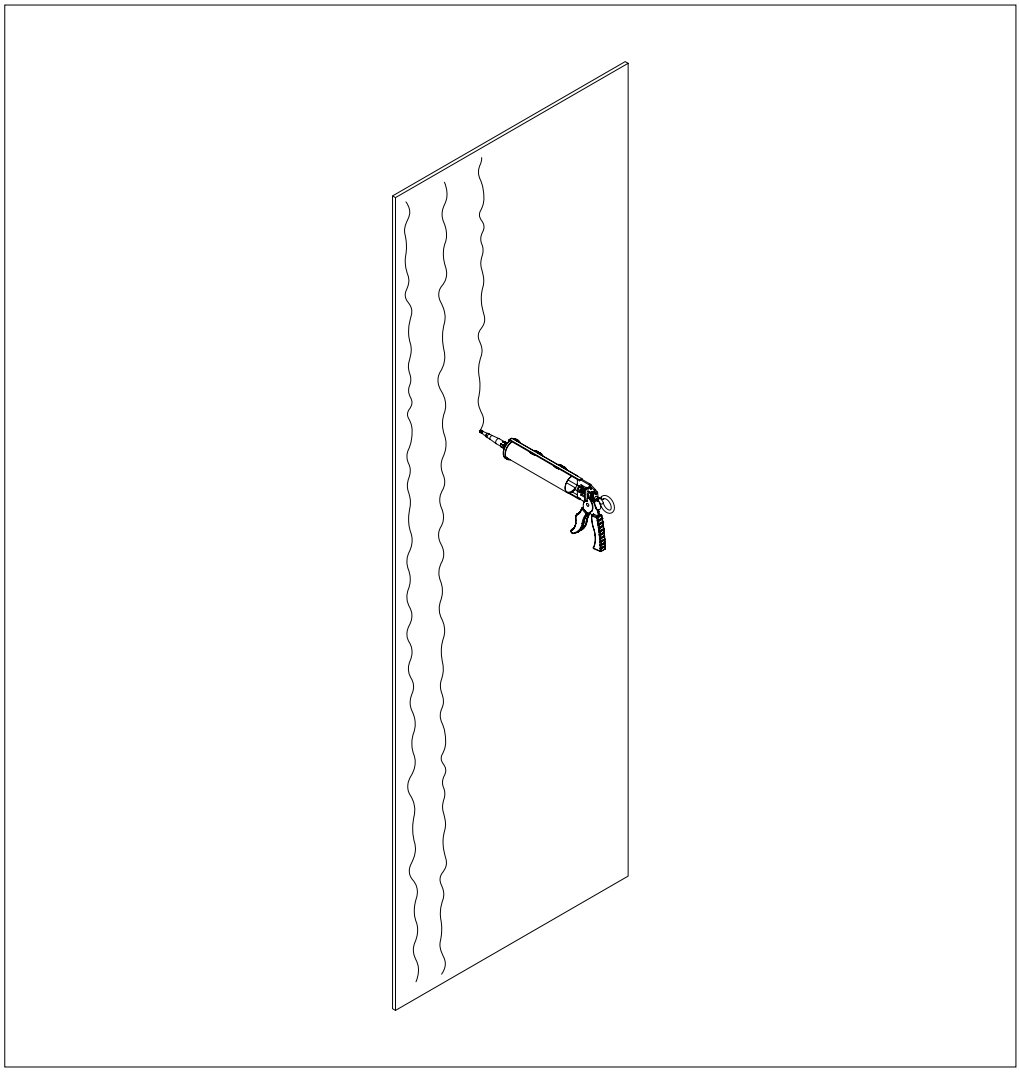
Installation using an adhesive

1 Prepare the surface



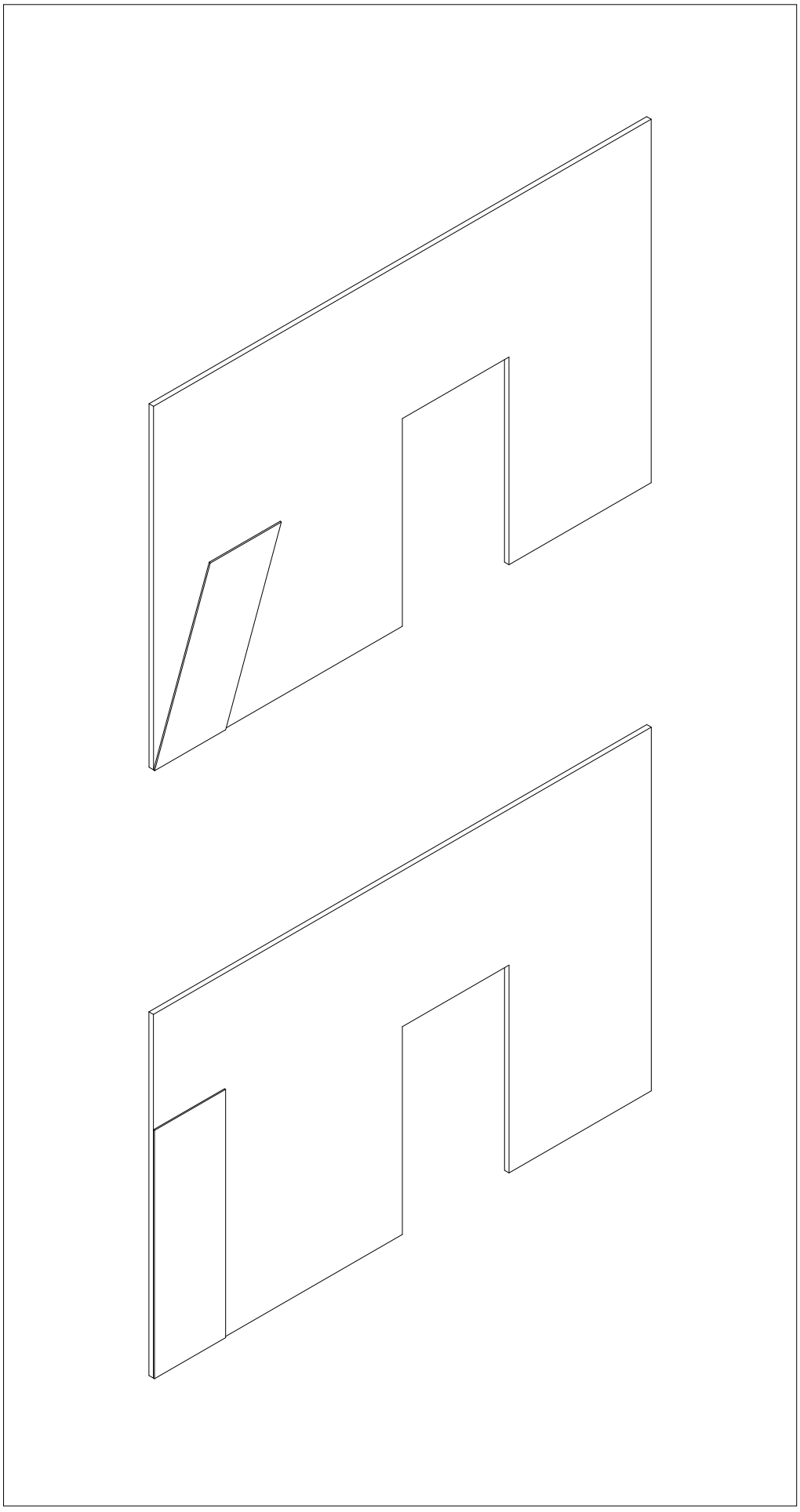
Make sure the surface is flat and clean.

2 Apply the adhesive



Apply the adhesive on the backside of the panel following the manufacturer's instructions.

3 Mount the panels

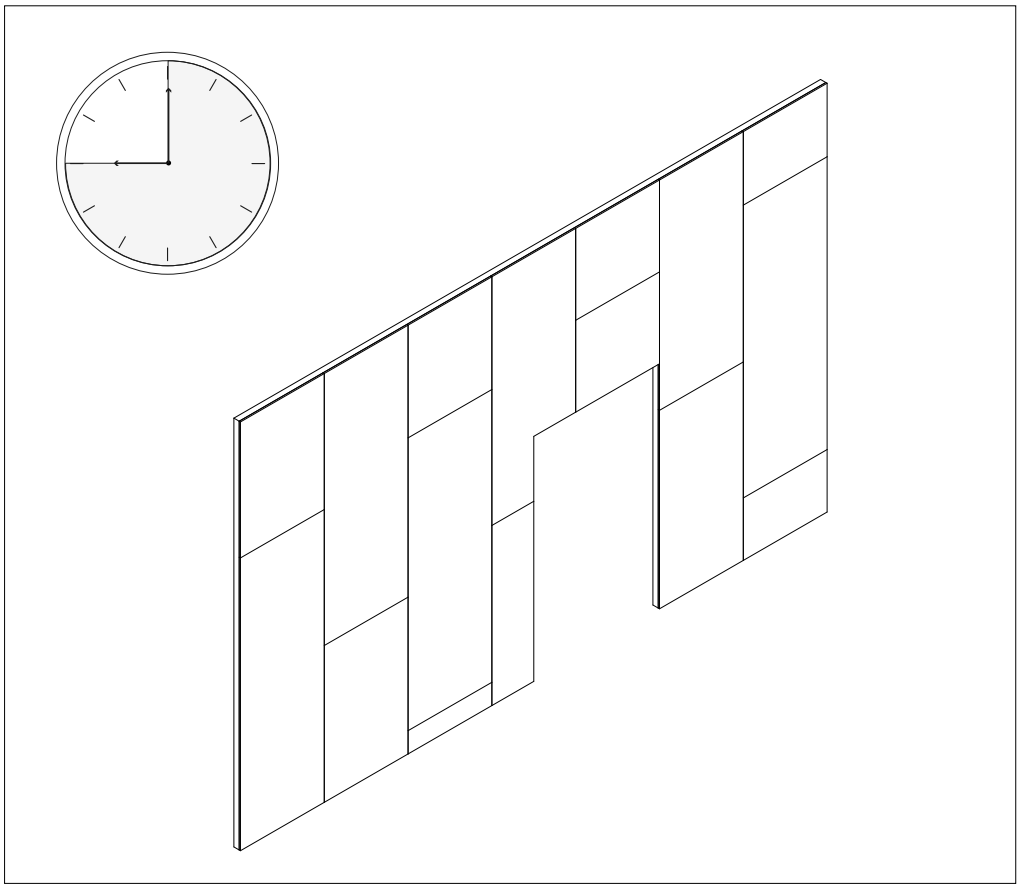


Place the panel against the surface, starting at the bottom. Make sure it is properly aligned using a level.

Press the panel firmly against the surface, making sure that corners and edges are properly attached.

Repeat these steps until the installation is complete.

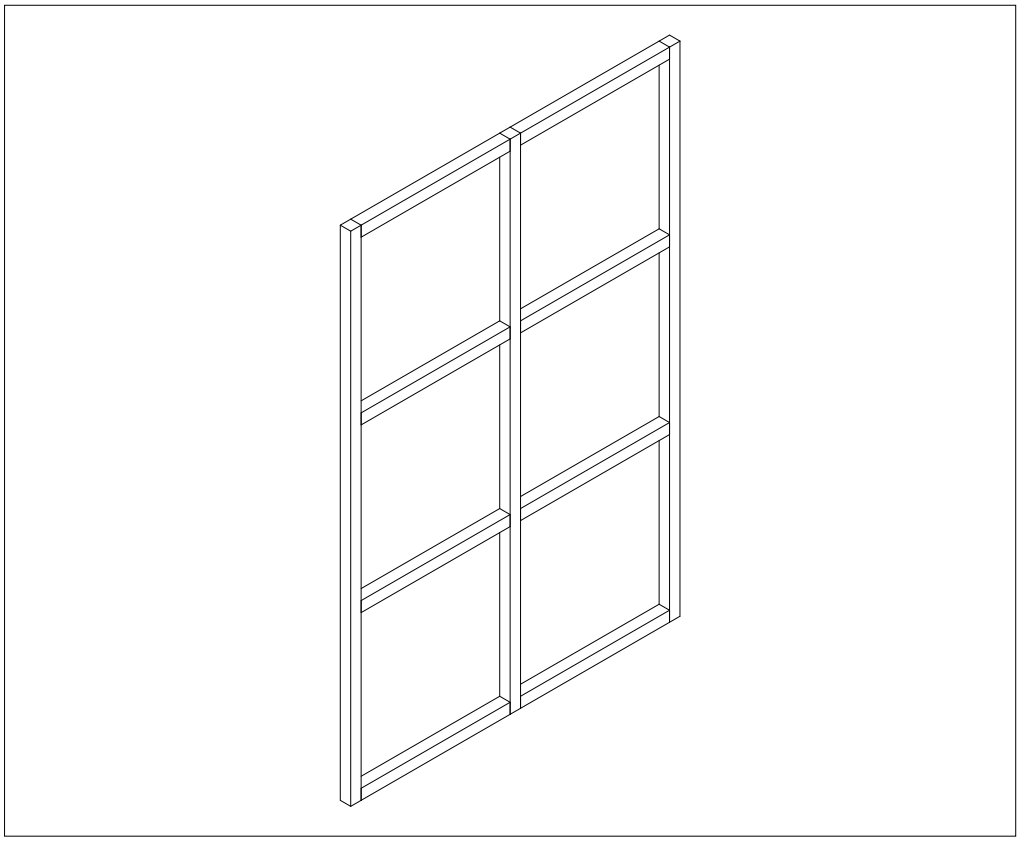
4 Allow the adhesive to cure



The curing time may vary, follow the adhesive manufacturer's instructions.

Installation using a nail gun

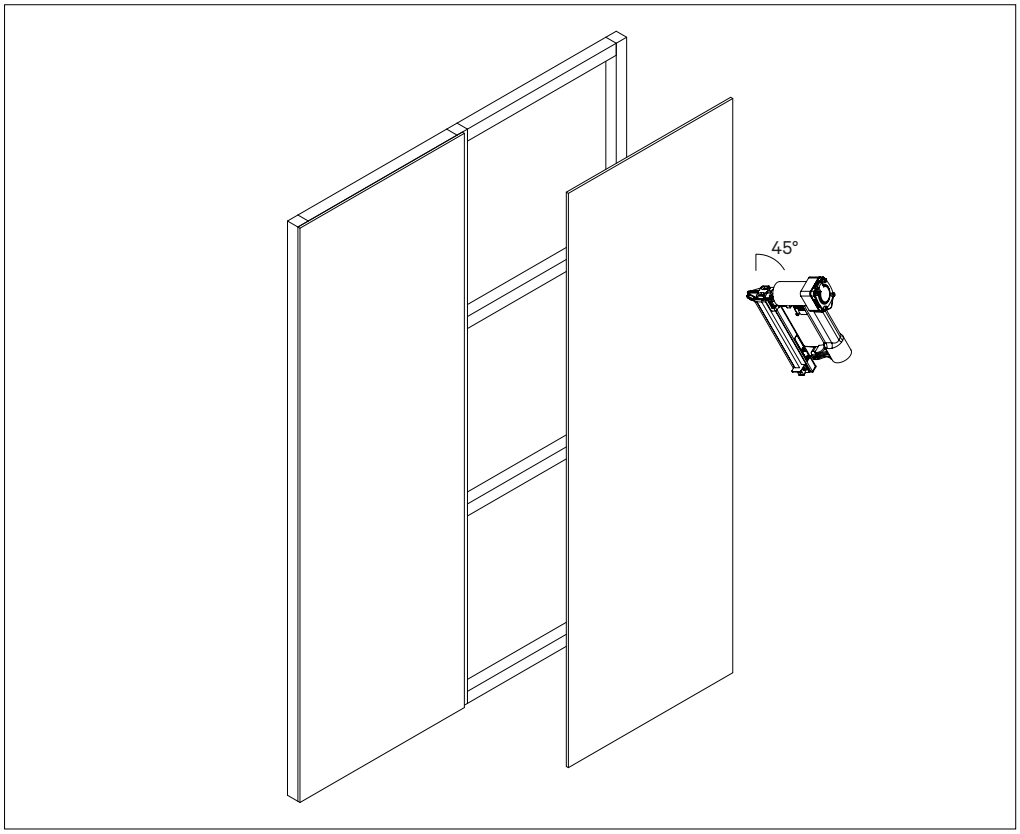
1 Prepare wooden framework



A wooden framework is necessary if you install the panels using a nail gun.

Make sure the frame is levelled. You can use a level to check that.

2 Install the panels

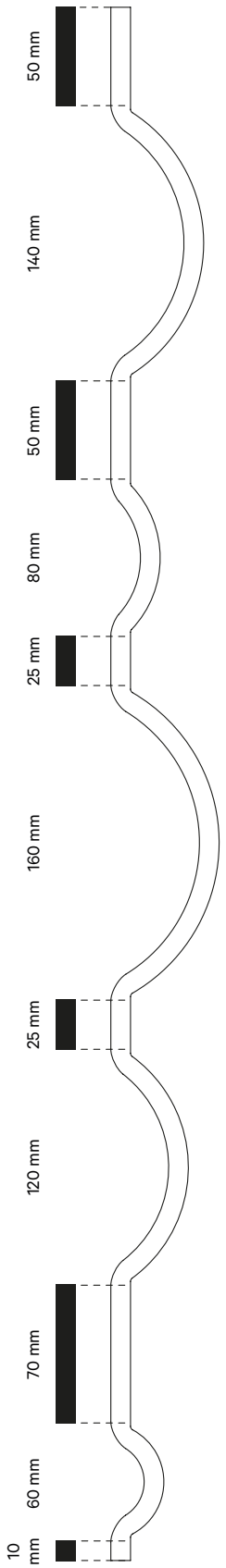


Test the pressure of the nail gun and adjust it, so that the nails don't go too deep into the material.

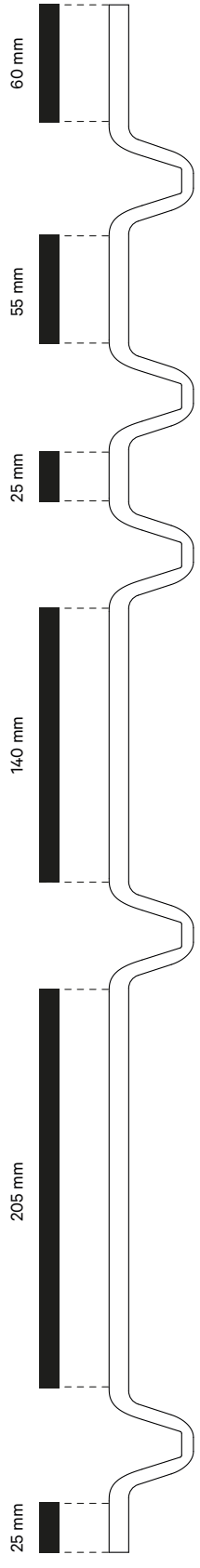
For a better grip of the headless nail, the nails should be applied at an angle of approximately 45°.

Appendix

Mute Fit



Mute Fraction



DeVorm

We create interior products by today's standards.

De Vorm is established in a new era, we develop products by the standards of today. This means we produce efficiently, use the full lifecycle of products and eventually give them a new life.

Our emphasis lies on making a product that works, by setting a variety of conditions; it should be legible, accessible, but also environmental friendly and aesthetically perfectly in balance.

We like a product because of its functionality.

A good product makes life easier — it should be developed for helping us function better throughout the day. We firmly believe that the beauty of a design lies in the sum of functions that makes it a complete product.

We continuously raise the bar.

From the very first sketches we start combining and developing new techniques to find new possibilities to innovate. Our design process is infused with technical development; techniques result in aesthetic features and the other way round.