

# REFELT

# DOTS & STRIPES

## INSTALLATION MANUAL



Our pre-designed tileable templates offer excellent sound absorption and aesthetics. The Dots and Stripes pattern can be applied on top of a regular PET Felt Panel.

T +31 (0) 262 062 102  
E [info@refelt.nl](mailto:info@refelt.nl)  
W [refelt.nl](http://refelt.nl)

## INSTALLATION

The Dots and Stripes tiles provide a simple and efficient method to create a patterned wall design. These pre-designed panels are tileable and ready-to-use. You can easily install them using a polymer sealant or brad nails, depending on the wall lining and project requirements.

## HANDLING

The PET Felt panels should be handled carefully during transportation and unloading. This is necessary to avoid the deformation of the material.

## COLOURS

Slight color deviations may occur since the ReFelt panels are made from recycled fibers. It is recommended to use the same batch per project. When placing an order, please, take a margin into account for unforeseen changes or additions to a design plan.

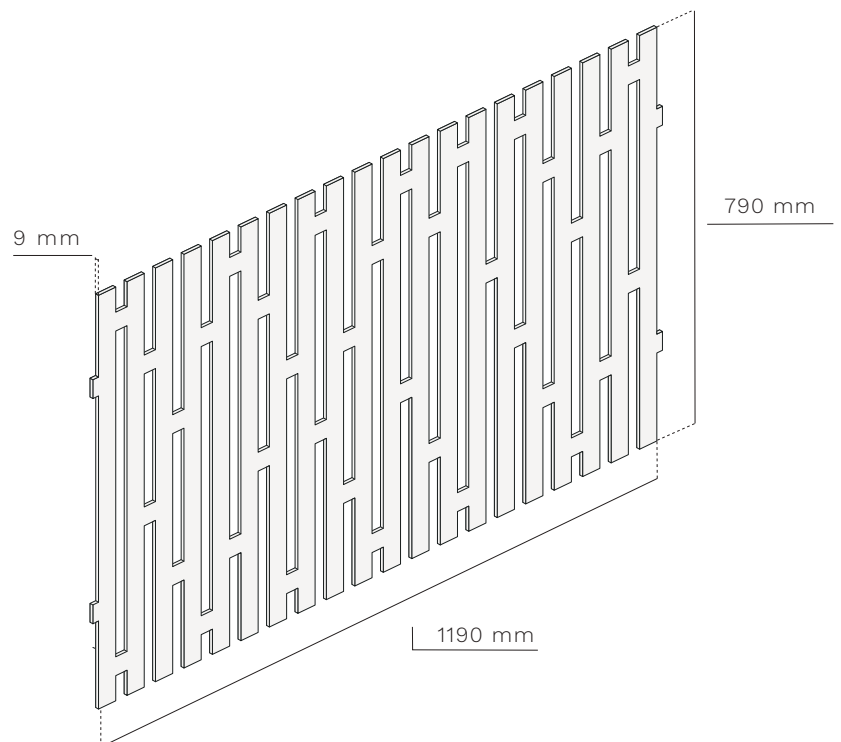
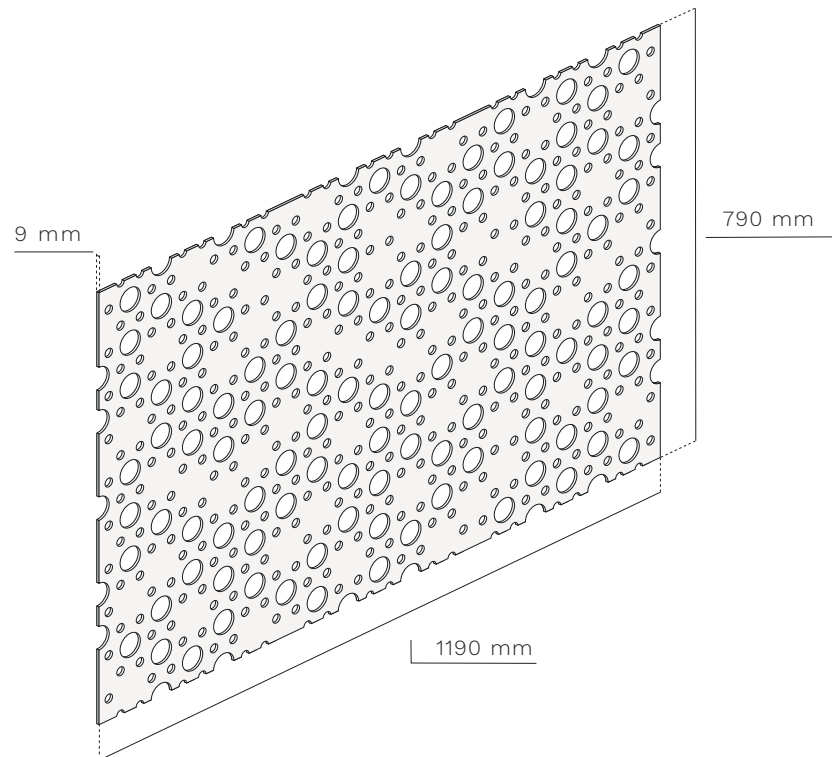
## BEFORE INSTALLATION

We would like to emphasize that it is important to carefully check the entire order before it is processed or installed.

The panels have a frontside and a backside, since the fibers are differently orientated on each side, the nap direction. Keep in mind to apply the panels in the same direction and use the same side during the installation to avoid alterations in appearance.

## MEASUREMENTS

The Dots or Stripes tiles are 1190 mm x 790 mm x 9 mm

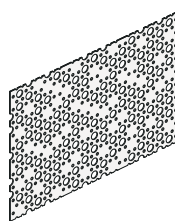
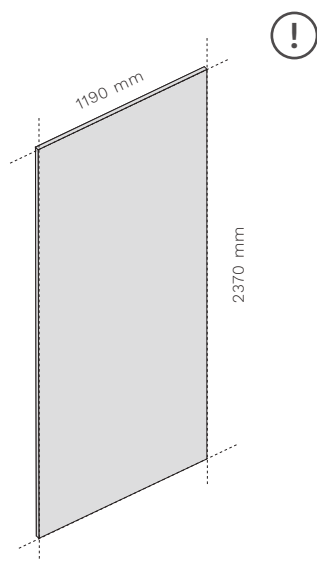


## APPLICATION

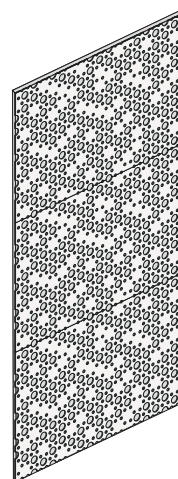
Besides applying the Dots and Stripes tiles as a single esthetical layer, they can also be applied on top of a regular PET Felt panel. This double layered covering has a great noise reducing performance. Combining colours adds a unique touch to your design.



To be able to seamlessly apply the Dots or Stripes tiles on top of the regular PET Felt panels, the regular PET Felt Panels must be cut to a dimension of 1190 mm x 2370 mm.

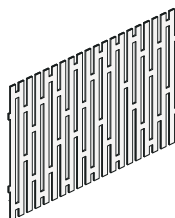
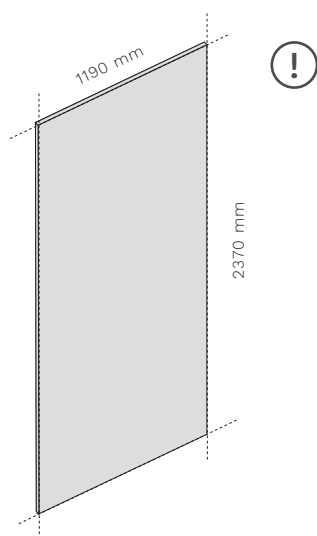


3x

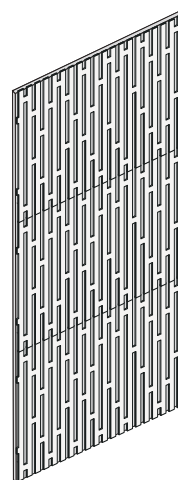


### Double-layer application of Dots

Dots on top of a regular PET Felt Panel



3x

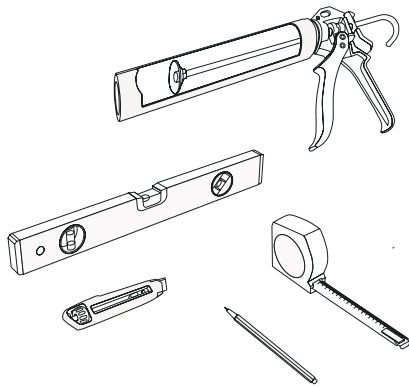


### Double-layer application of Stripes

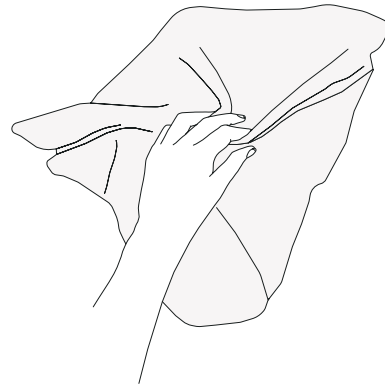
Stripes on top of a regular PET Felt Panel

## INSTALLATION SEALANT SINGLE LAYER

When installing PET Felt, it is advisable to use a polymer adhesive like Bison Poly Max High Tack. This SMP sealant is available at most hardware stores. The advantage of a polymer glue is that you can apply it on large areas and correct the placement since the adhesive does not dry immediately.

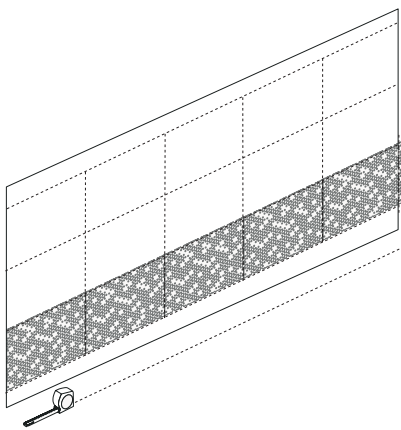


Suggested tools



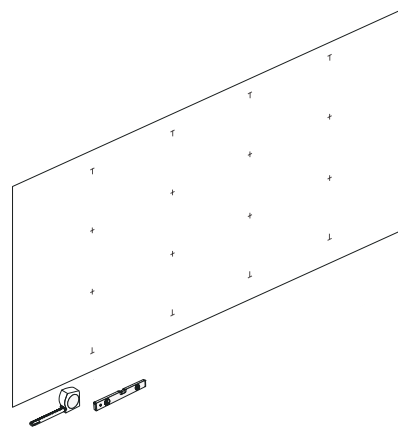
Prepare the surface

Ensure that the surface is flat and clean.



Measure

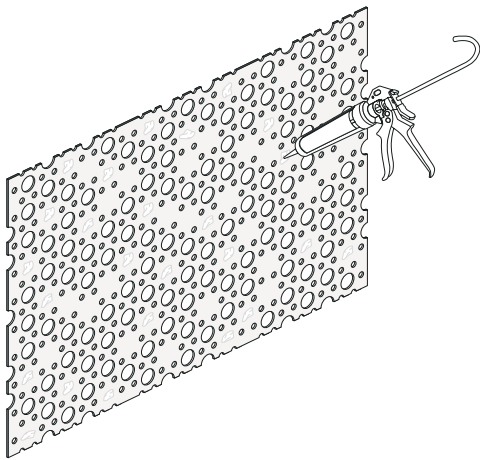
Determine the division of the tiles on the surface that needs to be covered. Make sure that you are not left with a small stroke of tile on the end of the surface.



Mark out

It may be useful to put a number of reference markings on the wall indicating the final alignment of the panels.

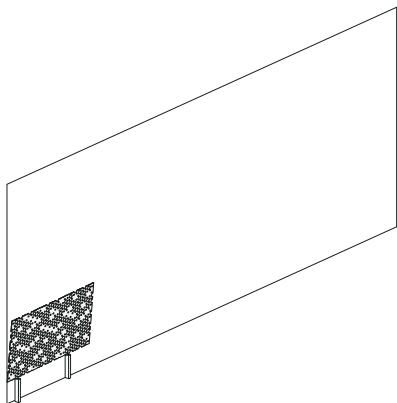
INSTALLATION SEALANT SINGLE LAYER



Apply glue

Apply the adhesive to the tile, following the adhesive manufacturer instructions. Distribute the glue evenly.

4



Placement

Start applying the first tile. It can be useful to use spacers for the bottom tiles to ensure a leveled placement.

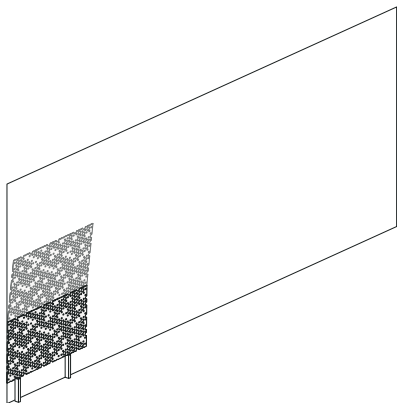
5



Press

Press the tile firmly against the surface, make sure that the corners and edges are properly attached.

6



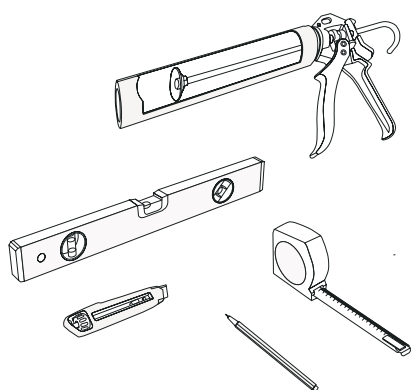
Cure Time

Allow the adhesive to cure before proceeding with the next tile. The curing time may vary, follow the adhesive manufacturer recommendations.

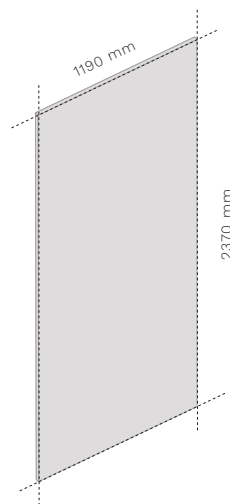
7

## INSTALLATION SEALANT DOUBLE LAYER

The Dots or Stripes patterned tiles can be applied on top of a regular PET Felt panel. This double-layered covering will have a great acoustic performance. To be able to seamlessly apply the Dots or Stripes tiles on top of the regular PET Felt panels, the regular PET Felt Panels must be cut to a dimension of 1190 mm x 2370 mm. For more information about the installation of PET Felt panels, please, see the PET Felt Panel installation manual available at [refelt.nl](http://refelt.nl).



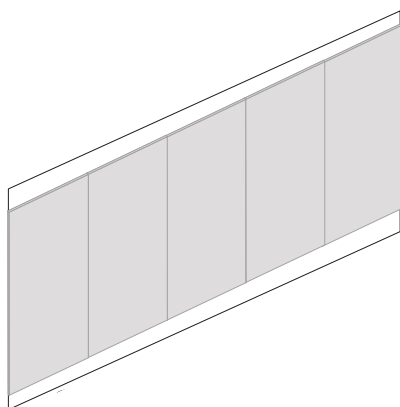
Suggested tools



1

### Prepare

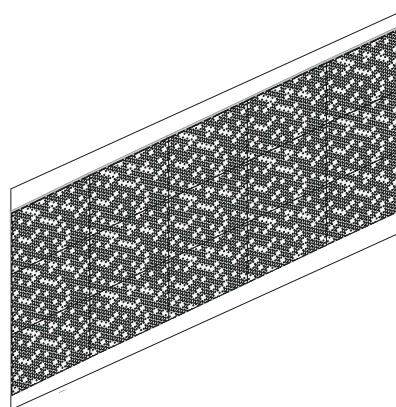
Ensure that the first layers of PET Felt Panels have the following dimensions : 1190 mm x 2370mm



2

### Application PET Felt Panels

Apply the first layer following the PET Felt Panel installation manual.



3

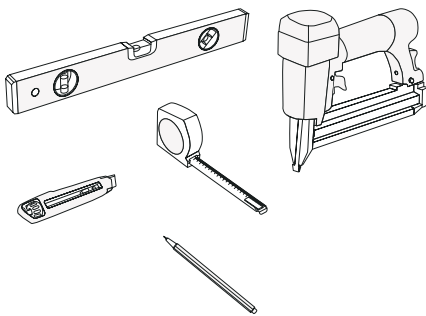
### Application of the patterned tile

Apply the second layer following the previous single layer installation guide.

## INSTALLATION BRAD NAILS SINGLE LAYER

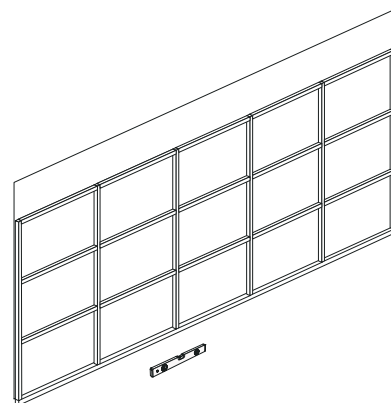
Brad nails can be applied by using a brad nailer, an equivalent pneumatic or cordless nailer tool. Using a brad nailer is the quickest way to instal the PET Felt panels. The nails will not be apparent because they disappear between the fibers. You will only notice small holes if you look closely.

**?** It is not necessary to use additional adhesive in combination with the brad nails. This method also makes it easy to dismantle the panels.



### Suggested tools

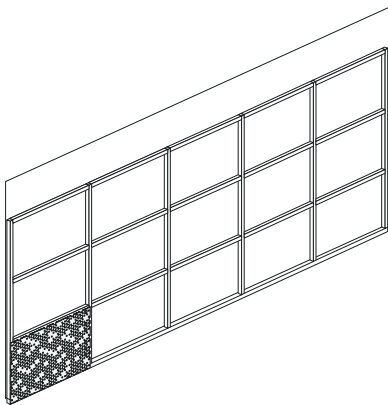
This installation method can be applied on any surface that is suitable for brad nails.



1

### Framework

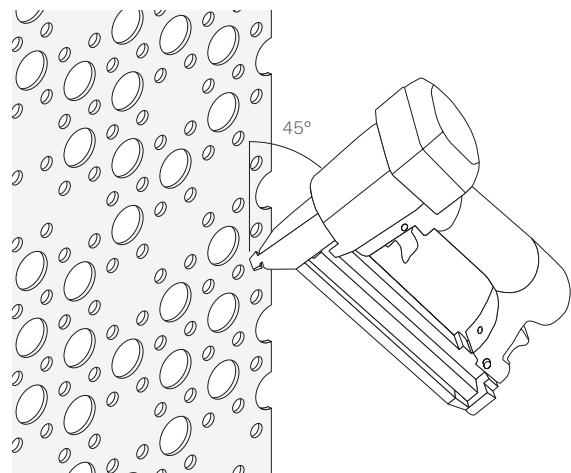
Prepare a wooden framework and make sure the frame is leveled.



### Apply tile

The pressure of a pneumatic nailer tool must be set to approximately 5.0 to 5.5 bar.

2

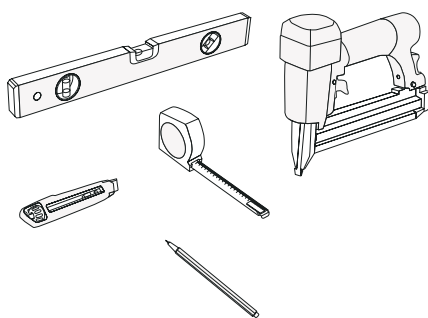


### Angle

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

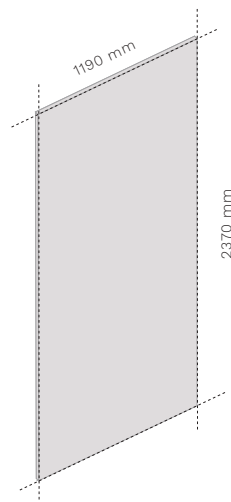
## INSTALLATION BRAD NAILS DOUBLE LAYER

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### Suggested tools

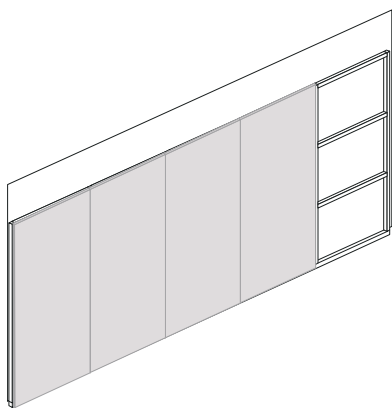
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1

### Prepare

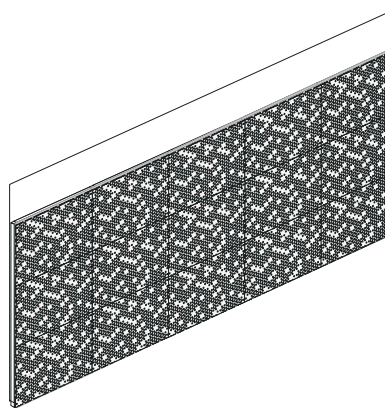
Ensure that the first layers of PET Felt Panels have the following dimensions : 1190 mm x 2370mm



2

### Application PET Felt Panels

Apply the first layer following the PET Felt Panel installation manual.

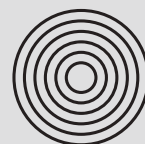
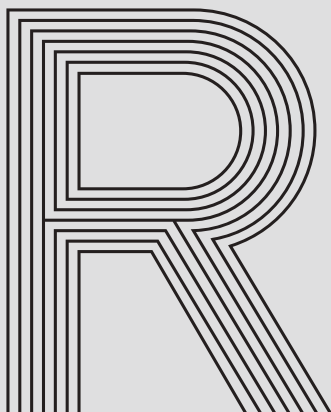


3

### Application of the patterned tile

Apply the second layer following the previous single layer installation guide.





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