Rockfon® System Eclipse Wall™

System Description

A-edge

Frameless wall system

- Enhanced design freedom using different shapes, angles and wall fixing kits
- Perfect solution for room acoustic improvements
- A complete acoustic solution for open plan spaces using standard Rockfon Eclipse® panels
- Quick and easy installation

Description

Rockfon System Eclipse Wall is a frameless acoustic solution available in a variety of geometric shapes. The visible side of the Rockfon Eclipse Wall panel features a minimalistic straight painted A-edge and is covered with a smooth, deep matt, super white painted fleece that has anti-static properties, extending its product lifetime. The reverse side of the wall panel is covered with a white acoustic fleece.

Rockfon System Eclipse Wall should only be fixed using the specific Rockfon Eclipse Fixing Kits.

Two kits are available: a Direct Fixing Kit, creating a gap between the wall and the panel of 15 mm, and a Stepped Fixing Kit, creating a gap of 65 mm. By using a combination of both kits, overlapping wall panels is possible.

This acoustic system is ideal in rooms and buildings where the use of a traditional suspended ceiling is technically not appropriate (e.g. where the principle of thermal mass is incorporated in the building design) or is aesthetically unappealing. It is an attractive and flexible solution for enhancing the acoustics in many spaces.

Restrictions
Rectangle 2360 x 1160 mm can only be mounted horizontally by its longest sides and with the direct fixing kit; the Triangle can only be mounted with a peak facing downwards.

Due to the risk of corrosion, the fixing kits of Rockfon System Eclipse Wall should not be used in swimming pools or outdoor environments. Furthermore, Rockfon System Eclipse Wall should not be used in areas subjected to wind loads and drafts.
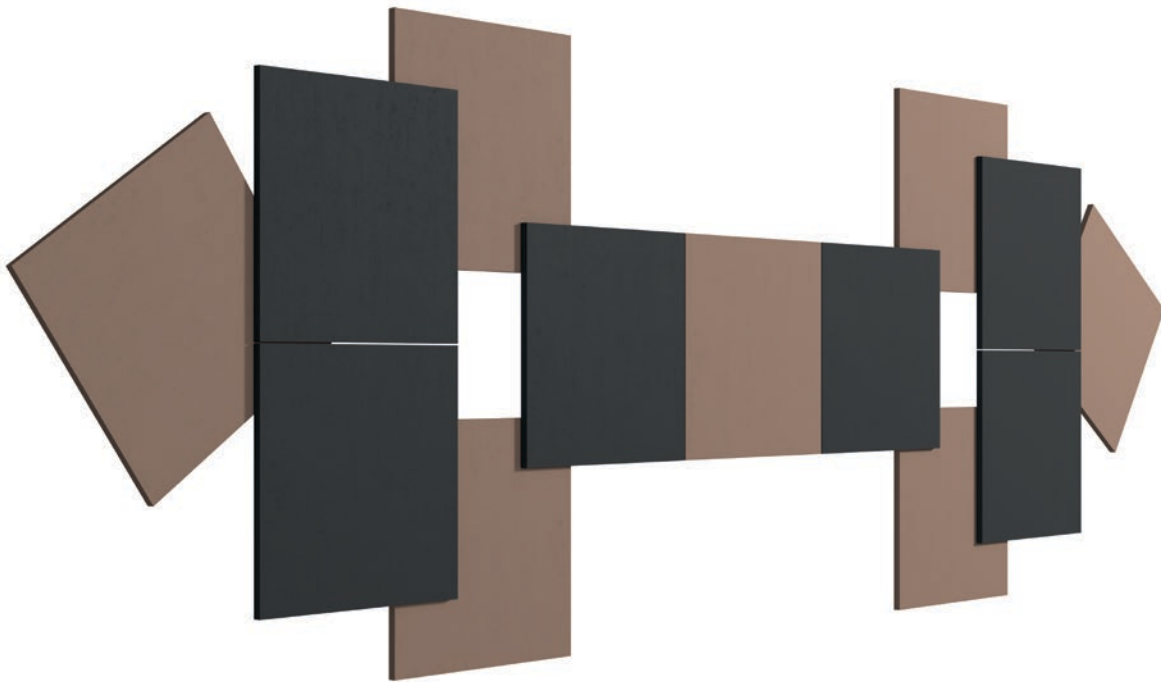
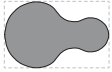*Rockfon distance holders are delivered together with the Rockfon Eclipse Wall Fixing Kits.*

1. Direct fixing profile.
2. Stepped fixing profile.
3. Panel fixing profile.
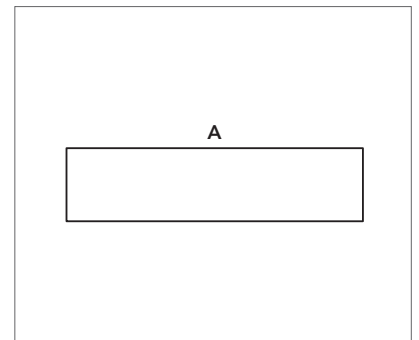
Minimalistic painted straight A edge (Be edge for Rockfon Color-all®).

System components and installation guide

Rockfon Eclipse Wall panel is available in a variety of geometric shapes:

Rockfon Eclipse Wall panel		
Shapes	Dimensions (mm)	Weight (kg/unit)
Square	1160 x 1160 x 40	9.0
Rectangle	1760 x 1160 x 40 2360 x 1160 x 40	13.0 17.0
Circle	800 x 800 x 40 1160 x 1160 x 40	3.0 7.0
Triangle	1160 x 1160 x 40	4.0
Hexagon	1160 x 1160 x 40	6.0
Oval	1760 x 1160 x 40	10.0
Freeform	1760 x 1160 x 40	9.0

Rectangle 2360 x 1160 mm can only be mounted horizontally by its longest sides and with the direct fixing kit; the Triangle can only be mounted with a peak facing downwards. Contact us for the installation of freeform Rockfon Eclipse Wall panel. All rectangle and square Rockfon Eclipse Wall panels in custom colours are only available in a Be-edge. Size 2360 x 1160 x 40 mm is only available in custom colours on one side. Contact us for special shapes, colours, sizes, lead times and minimum quantities.

A Rockfon Eclipse Wall panel should be secured with a fixing kit comprising of a wall fixing profile, a panel fixing profile, a spacer nut M8 and a bolt M8.

We provide two suspension kits; the Direct solution and the Stepped solution.

Rockfon Eclipse Fixing Kits – Direct solution
Gap distance 15 mm
Wall fixing profile 15 mm
Panel fixing profile
Distance holder
Spacer bolt M8 x 10 mm

Rockfon Eclipse Fixing Kits – Stepped solution
Gap distance 65 mm
Wall fixing profile 65 mm
Panel fixing profile
Distance holder
Spacer bolt M8 x 60 mm and Spacer nut M8

We only guarantee the integrity of the Rockfon System Eclipse Wall if it is installed with a Rockfon Fixing Kit.
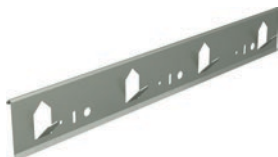
Panel - A Edge

Accessories

1. Wall fixing profile

2. Panel fixing profile

3. Distance holder
   (spacer nut M8 + spacer bolt M8.
   Stepped Kit only)

Performance

Corrosion resistance
Class B (EN13964)

Compatible Tiles Overview

Only Rockfon Eclipse Wall panels can be used in Rockfon System Eclipse Wall.
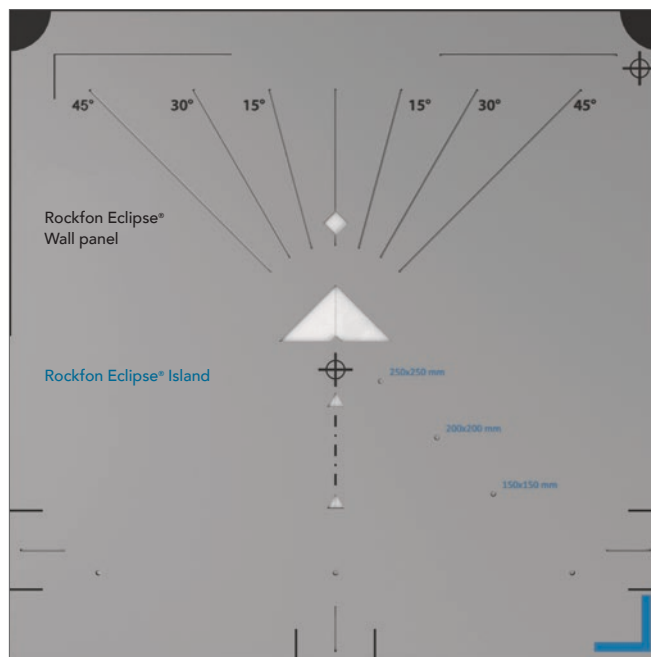
Installation

Boxes should be handled with care and by two people. They should be stored in a flat, horizontal position. Each box contains a pair of gloves that should be worn when handling Rockfon Eclipse Wall panels.

For an optimum work environment, we recommend installers always observe common work practices and follow the installation advice, as shown on our packaging.

There are 6 different kinds of installation, depending on the shape of the Rockfon Eclipse Wall panel:

When installing any of the Rockfon System Eclipse Wall shapes, please use the marking tool below:

Marking tool.

Black prints are for the Rockfon Eclipse Wall panel.
Blue prints are for the Rockfon Eclipse Island.

1. SQUARE / HEXAGON STRAIGHT

This installation method can be used for both Square Straight and Hexagon Straight.

1

Mark a cross on the wall to indicate where you intend to fix the centre of your Rockfon Eclipse Wall panel. Make sure the upper leg of the cross is +/- 30 cm.

2

Place the marking tool above the cross drawn in step 1. Ensure that the centre of the cross aligns with the middle of the diamond cutout. See 2 - Detail.

2 – Detail

3

Mark the drilling holes.

4
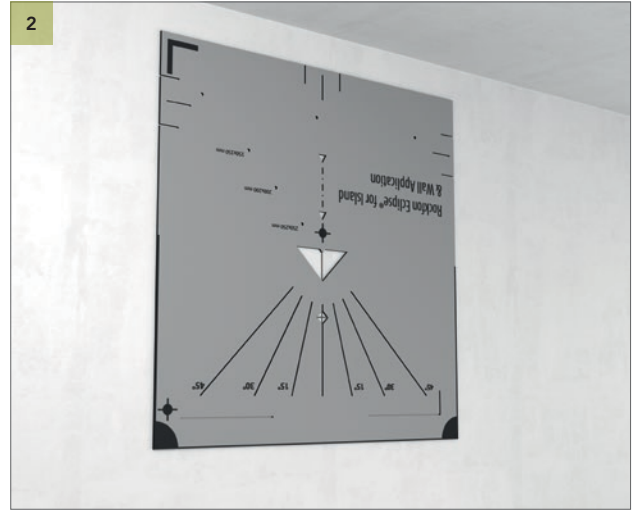
Drill the holes and install the wall fixing profile.

1. SQUARE / HEXAGON STRAIGHT
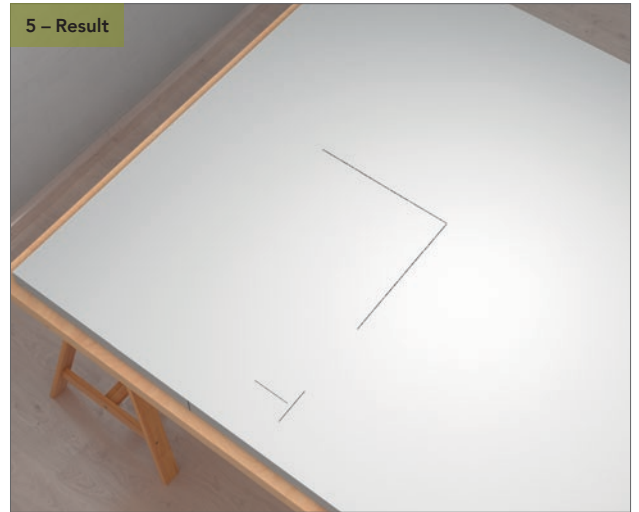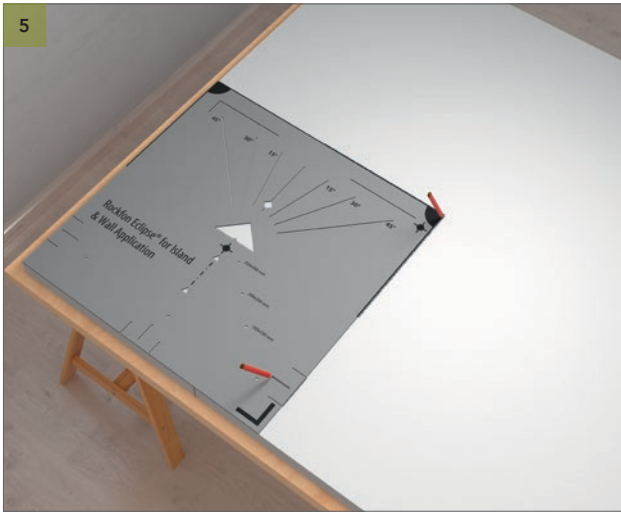
5

5 – Result

Position the marking tool in the lower left corner on the back of the Rockfon Eclipse Wall panel. Mark with a pencil the centre lines, using the upper right corner of the marking tool, and the position of the distance holder.
See 5 - Result.

6

6 – Detail

Position the marking tool so that the centre lines drawn in step 5 are perfectly aligned with the point at the base of the triangle on the marking tool. See 6 - Detail.

7
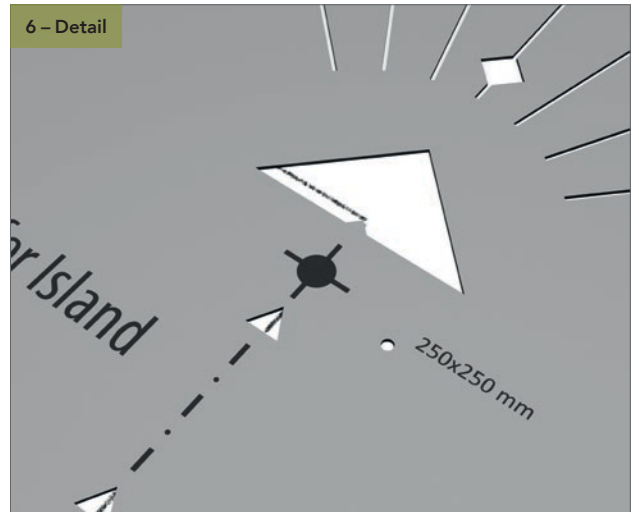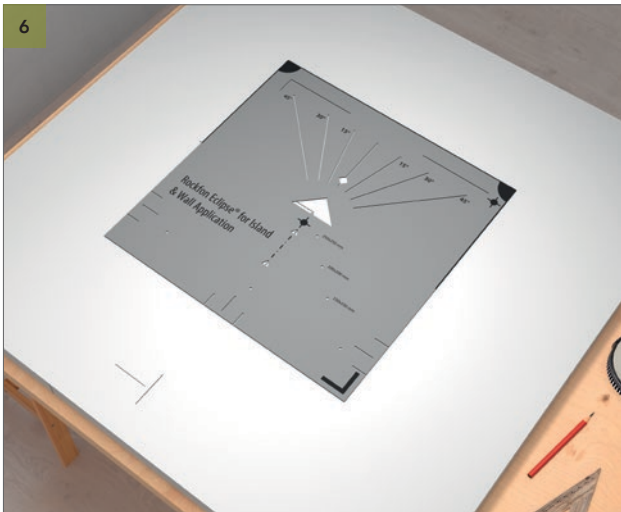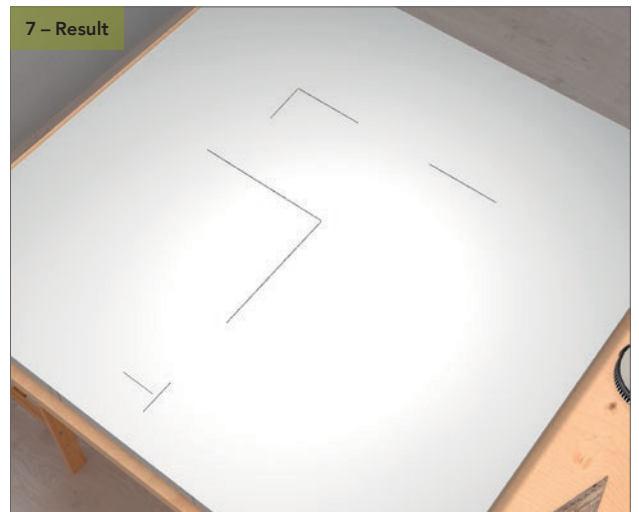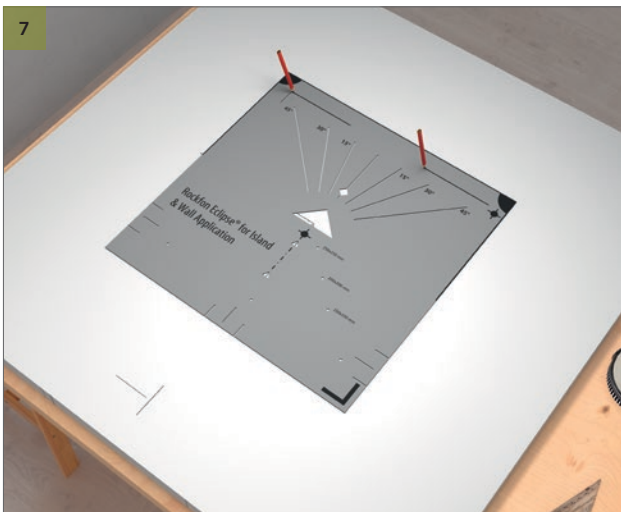
7 – Result

Mark the lines where the panel fixing profile must be inserted. See 7 - Result.

1. SQUARE / HEXAGON STRAIGHT

8

8 – Result

Insert the panel fixing profile into the wall panel. See 8 - Result.

8 – Result

1. SQUARE / HEXAGON STRAIGHT

Insert the distance holder into the back of the wall panel. See 9 - Result.
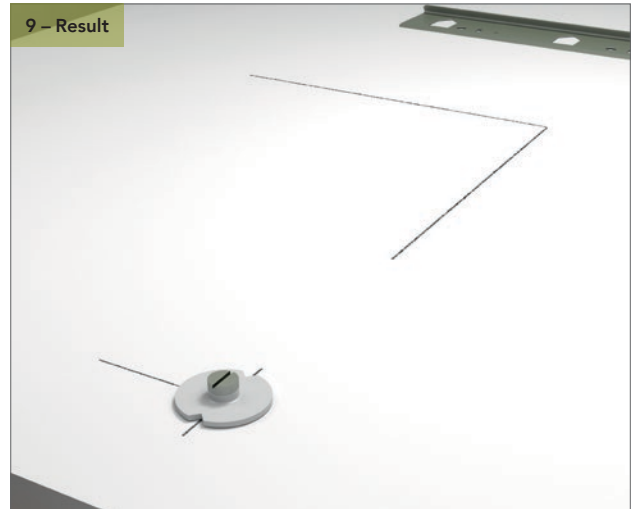
Place your Rockfon Eclipse Wall panel on the wall fixing profile and adjust the distance holder until the Rockfon Eclipse Wall panel is level.
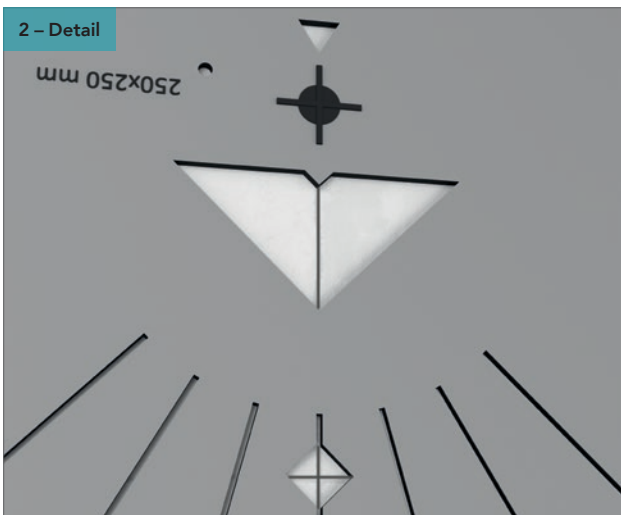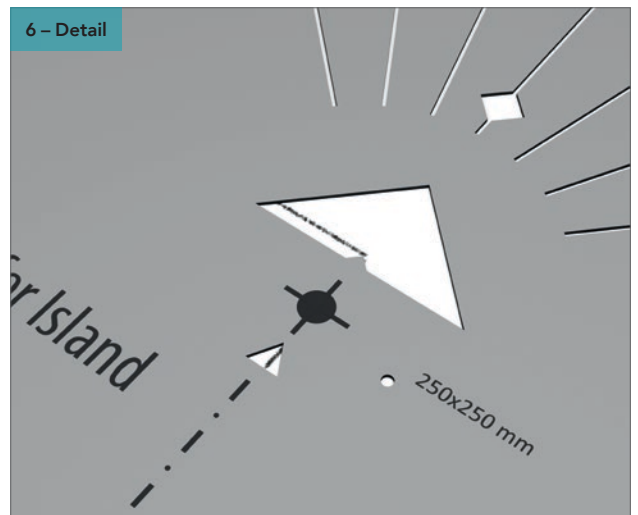
2. SQUARE / HEXAGON INCLINED

This installation method can be used for both Square Inclined and Hexagon Inclined.
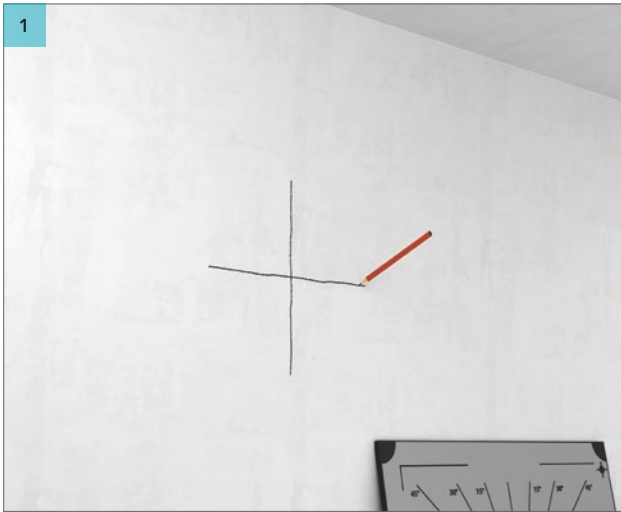
1

Mark a cross on the wall to indicate where you intend to fix the centre of your Rockfon Eclipse Wall panel. Make sure the upper leg of the cross is +/- 30 cm.

2

*Place the marking tool above the cross drawn in step 1. Ensure that the centre of the cross aligns with the middle of the diamond cutout.
See 2 - Detail.*

2 – Detail

3

Mark the drilling holes.

4
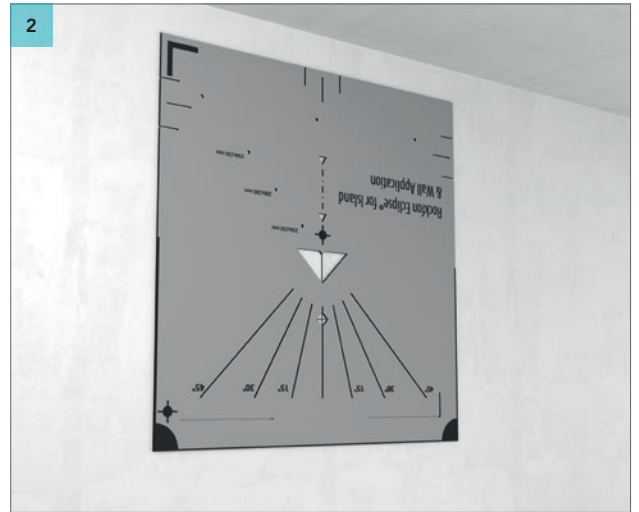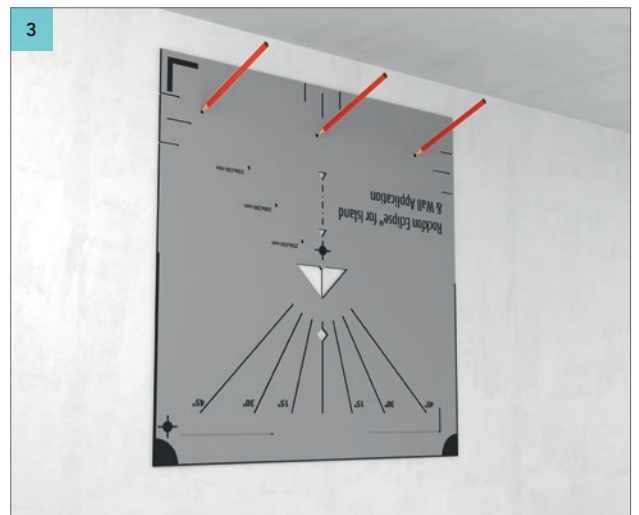
Drill the holes and install the wall fixing profile.

2. SQUARE / HEXAGON INCLINED
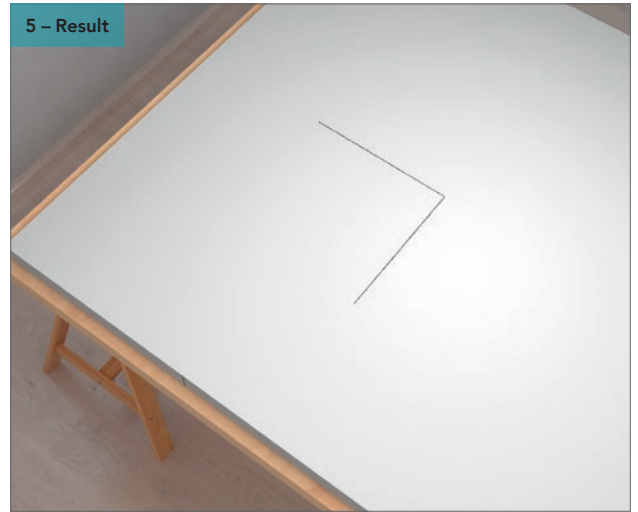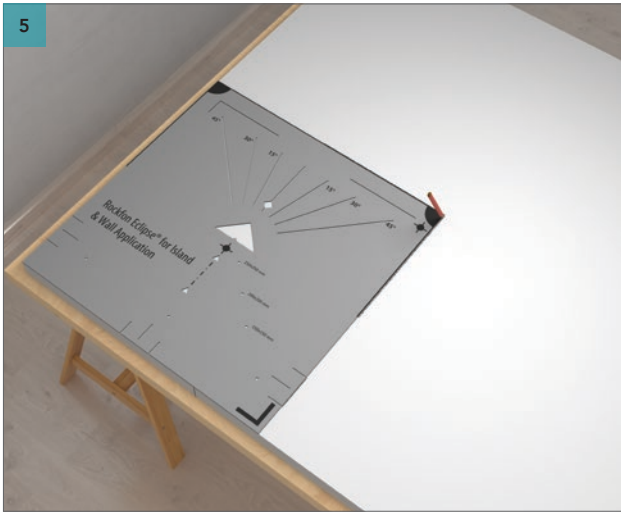
5

5 – Result

Position the marking tool in the lower left corner on the back of the Rockfon Eclipse Wall panel. Mark with a pencil the centre lines, using the upper right corner of the marking tool, and the position of the distance holder.
See 5 - Result.

6

6 – Detail

Position the marking tool so that the centre lines drawn in step 5 are perfectly aligned with the point at the base of the triangle on the marking tool.
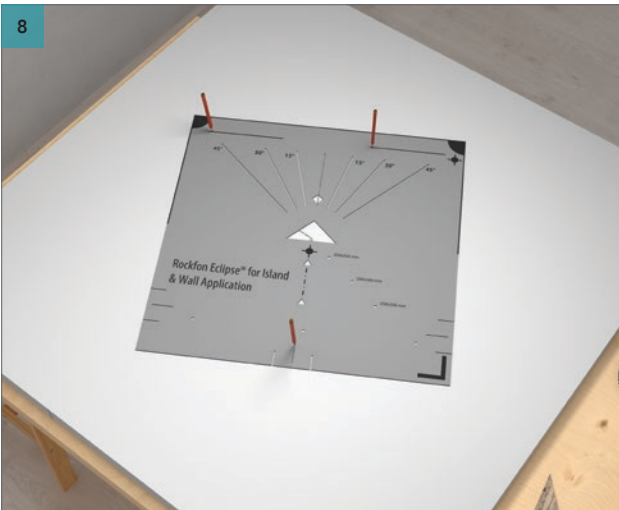See 6 - Detail.

7
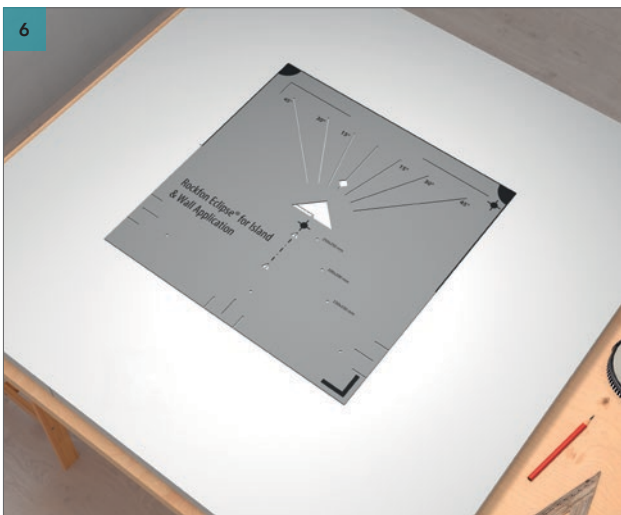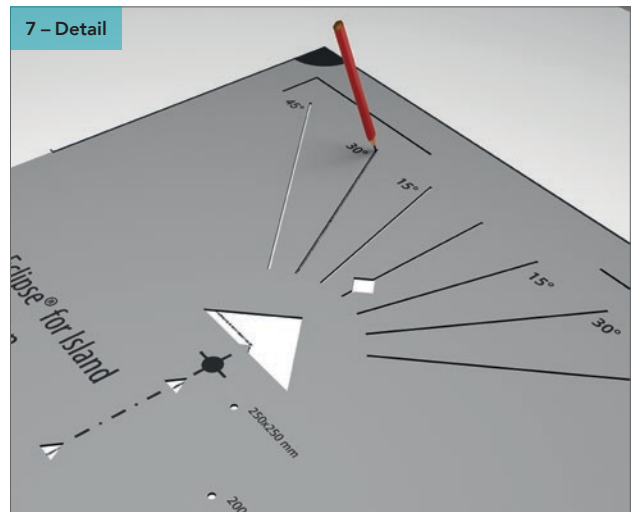
7 – Detail

Mark the degree at which you want the wall panel to hang. See 7 - Detail.

2. SQUARE / HEXAGON INCLINED

7 – Result
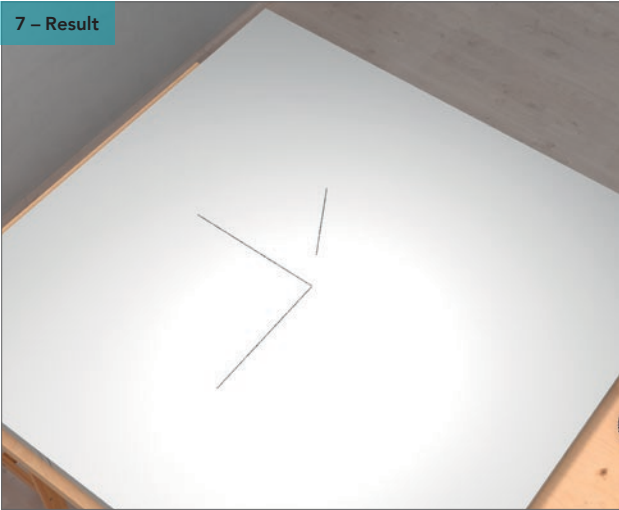
8

Position the marking tool so that the degree line from step 7, the angle you wish to hang the wall panel, is perfectly aligned with the point at the base of the triangle on the marking tool. Use the marking tool to indicate the position of the distance holder. See 8 - Detail.

8 – Detail
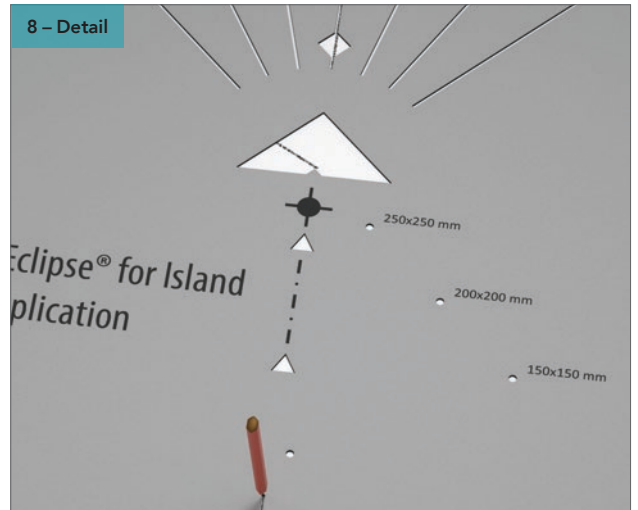
The point at the base of the triangle should be positioned at the midpoint of your marking. The line marking the angle should be in the 0° line of the marking tool.

8 – Result
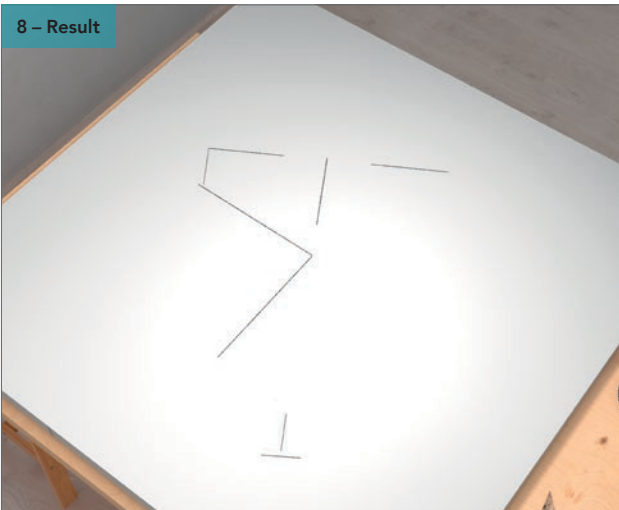
9
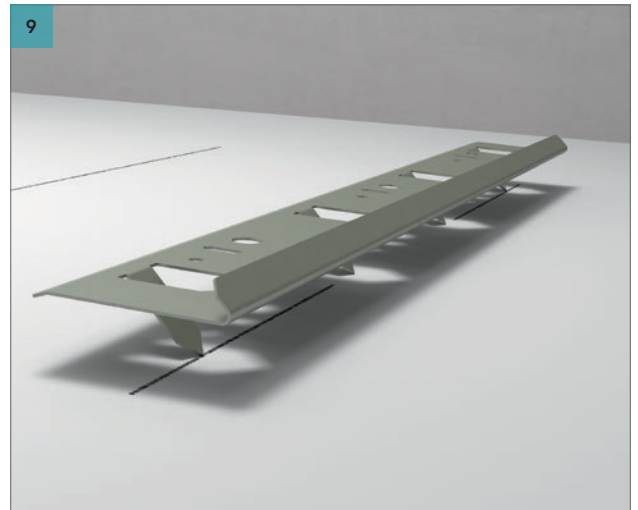
Insert the panel fixing kit into the wall panel. See 9 - Result.

2. SQUARE / HEXAGON INCLINED

9 – Result
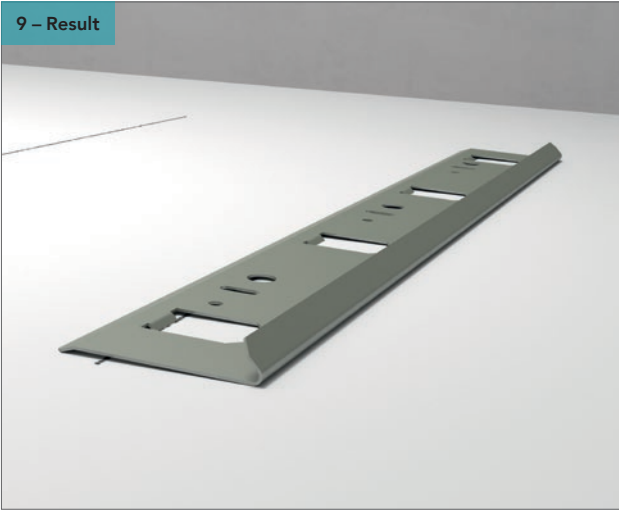
9 – Result
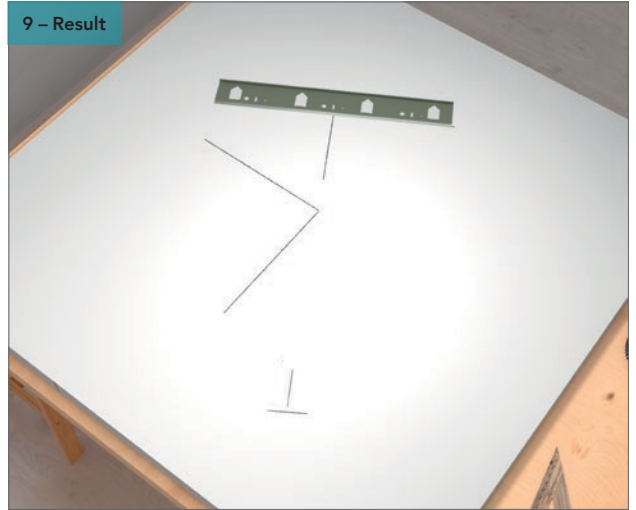
10
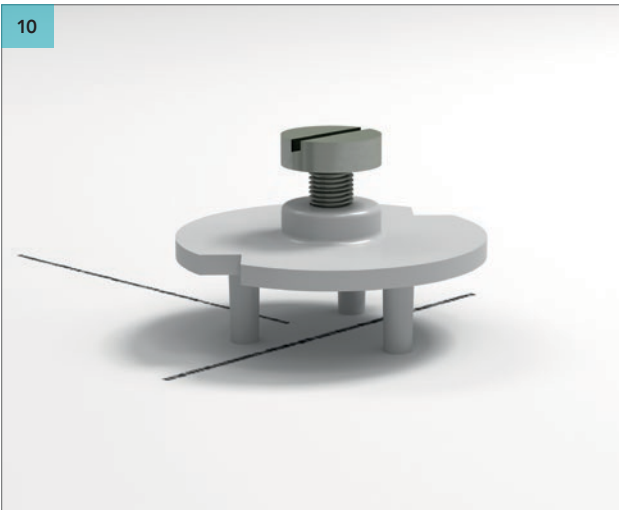
10 – Result
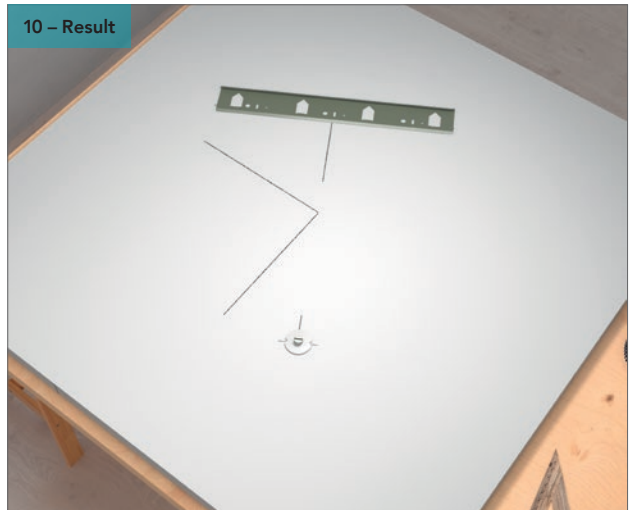
Insert the distance holder into the back of the wall panel. See 10 - Result.
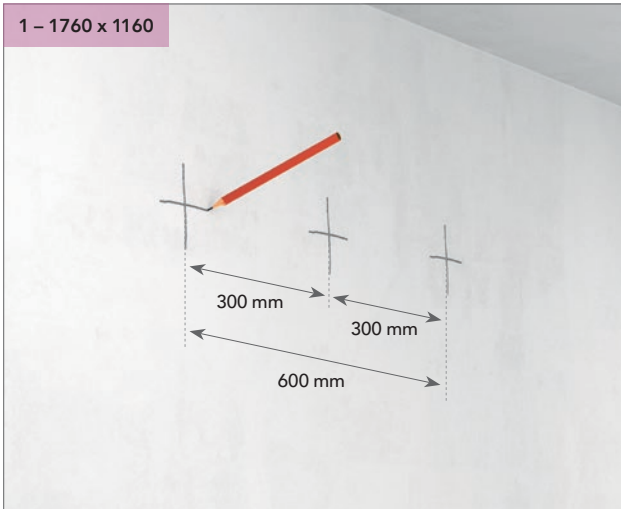
11

11 – Detail

Place your Rockfon Eclipse Wall panel on the wall fixing profile and adjust the distance holder until the Rockfon Eclipse Wall panel is level.
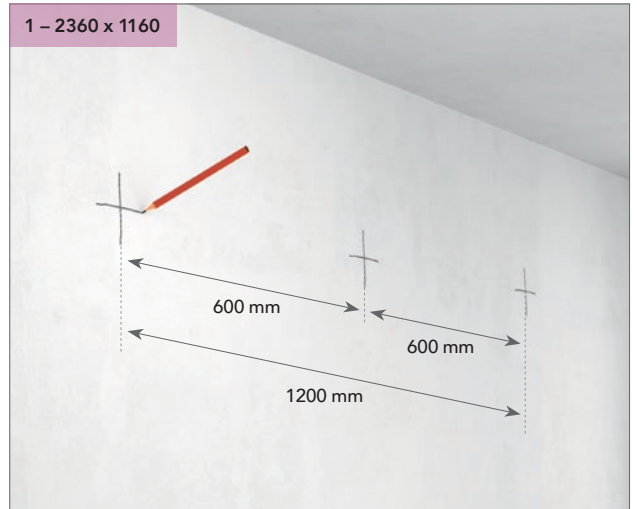*See 11 - Detail.*

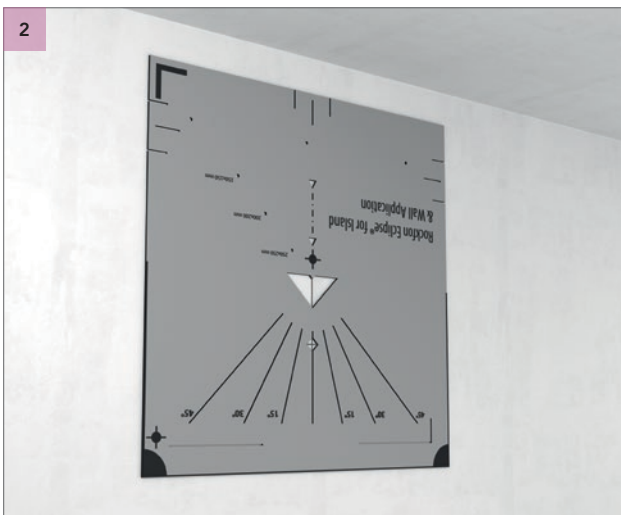## 3. RECTANGULAR   *(1760 x 1160 mm + 2360 x 1160 mm)*

1 – 1760 x 1160

Mark crosses on the wall to indicate where you intend to fix your Rockfon Eclipse Wall panel. Draw a cross 300 mm from each side of the middle fixing point. Make sure the upper legs of the crosses are +/- 30 cm.
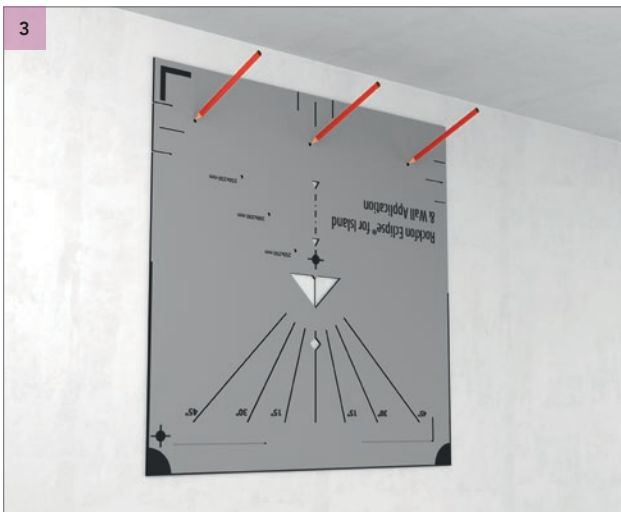
1 – 2360 x 1160

Mark crosses on the wall to indicate where you intend to fix your Rockfon Eclipse Wall panel. Draw a cross 600 mm from each side of the middle fixing point. Make sure the upper legs of the crosses are +/- 30 cm.

2

Place the marking tool above the crosses drawn on each side of the midpoint in step 1. Ensure that the centre of the cross aligns with the middle of the diamond cutout. See 2 - Detail.

2 – Detail

3
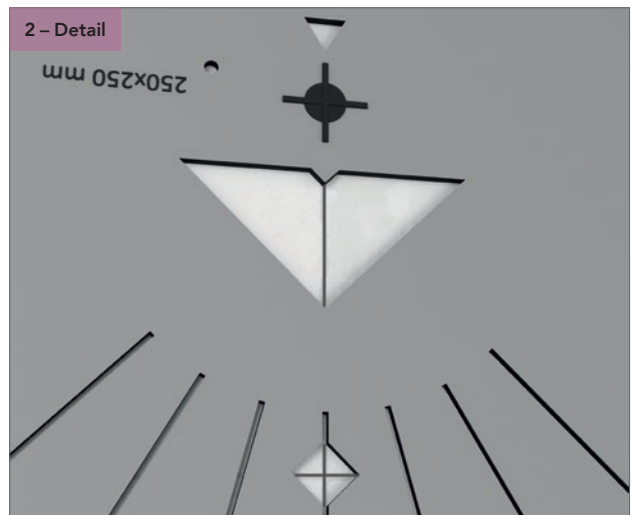
Mark the drilling holes.

3. RECTANGULAR *(1760 x 1160 mm + 2360 x 1160 mm)*

4 – 1760 x 1160

Drill the holes and install the wall fixing profile.

4 – 2360 x 1160

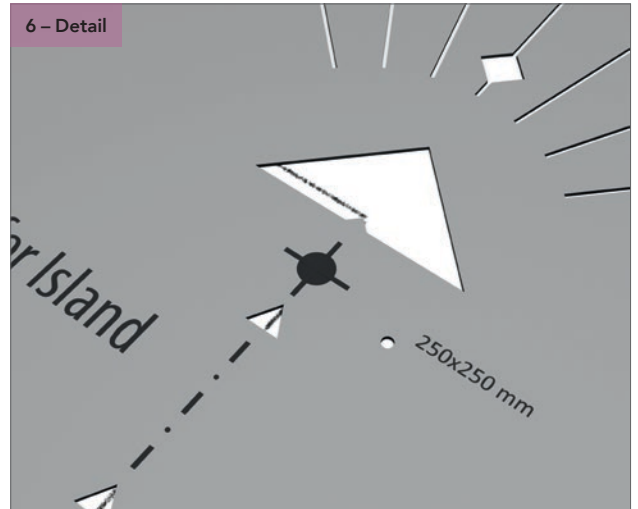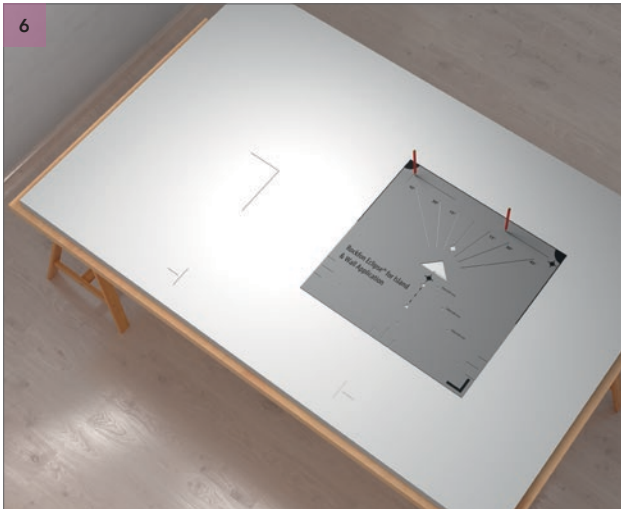*Drill the holes and install the wall fixing profile.*
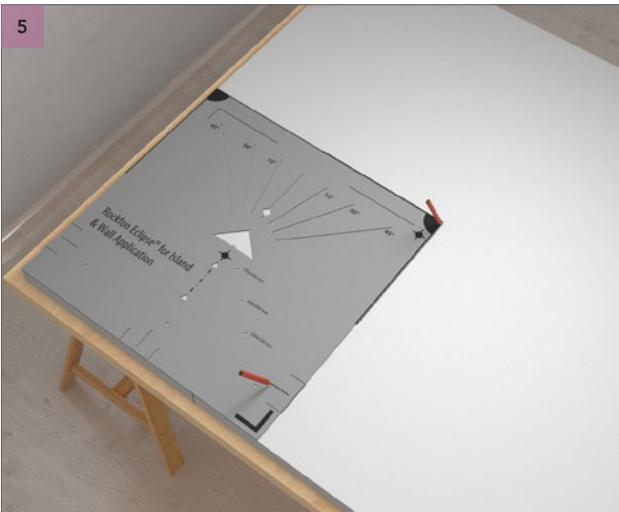
5

Position the marking tool in the lower left corner on the back of the Rockfon Eclipse Wall panel. Mark with a pencil the centre lines, using the upper right corner of the marking tool, and the position of the distance holder.
See 5 - Result.

5 – Result

5

Position the marking tool in the lower right corner on the back of the Rockfon Eclipse Wall panel. Mark with a pencil the centre lines, using the upper left corner of the marking tool, and the position of the distance holder.

3. RECTANGULAR   *(1760 x 1160 mm + 2360 x 1160 mm)*

6

Position the marking tool so that the centre lines drawn in step 5 are perfectly aligned with the point at the base of the triangle on the marking tool. See 6 - Detail.

6 – Detail

250x250 mm

7

Mark the line where the panel fixing profile must be inserted. Do this to both the right and left side of the wall panel. See 7 - Result.

7 – Result

Now repeat steps 5 up to 7 for the lower right corner.

8
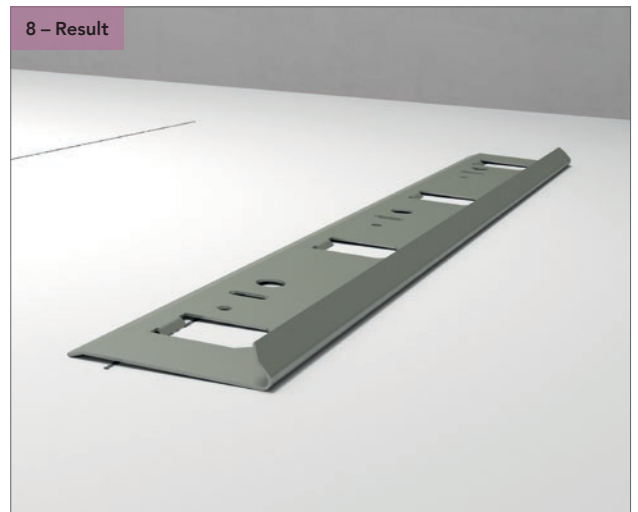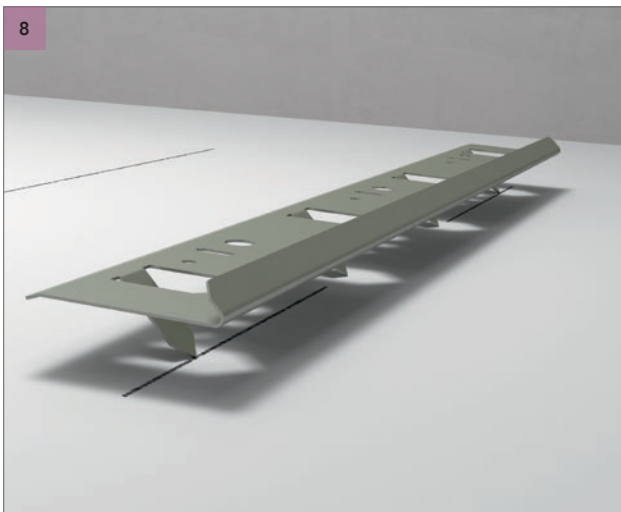
Insert the panel fixing profile into the wall panel. See 8 - Result.

8 – Result

3. RECTANGULAR *(1760 x 1160 mm + 2360 x 1160 mm)*

8 – Result
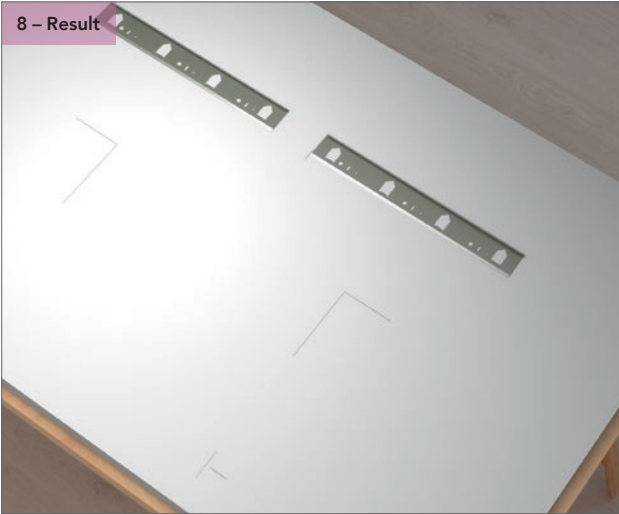
9
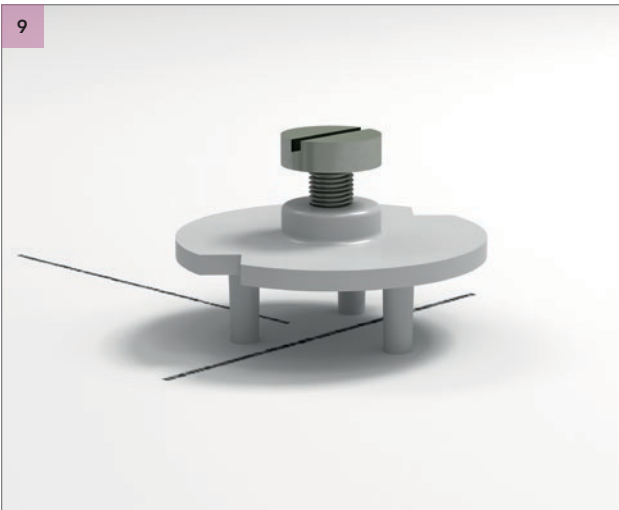
9 – Result
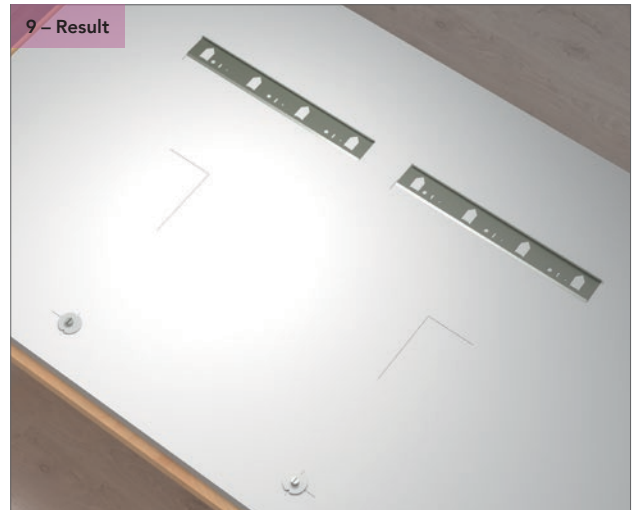
Insert the distance holders into the back of the wall panel. See 9 - Result.

10

10 – Detail

Place your Rockfon Eclipse Wall panel on the wall fixing profile and adjust the distance holder until the Rockfon Eclipse Wall panel is level.
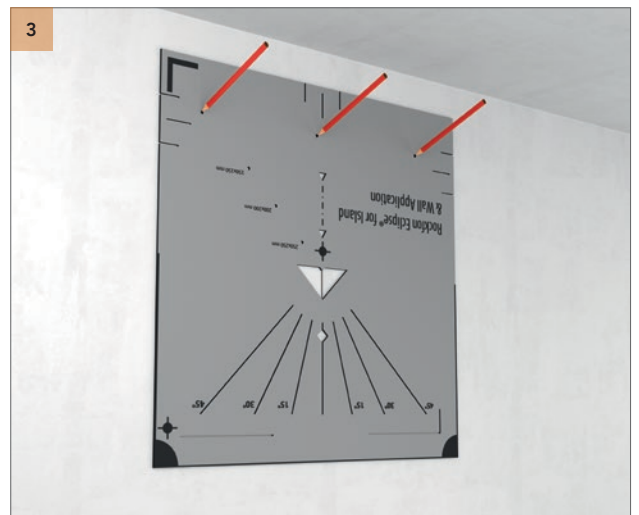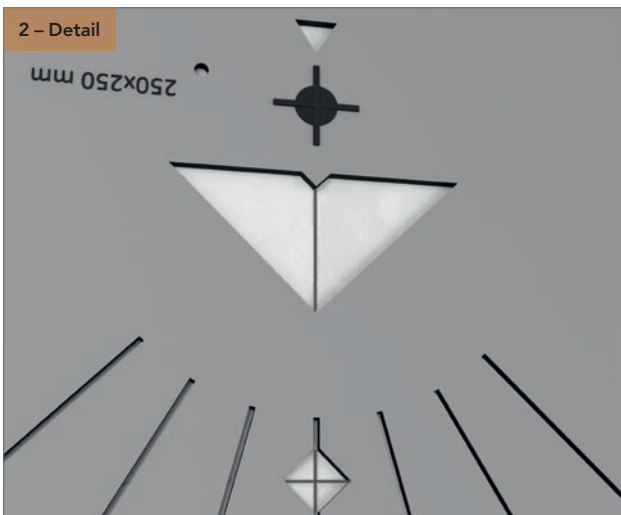*See 10 - Detail.*

4. CIRCLE (800 MM)
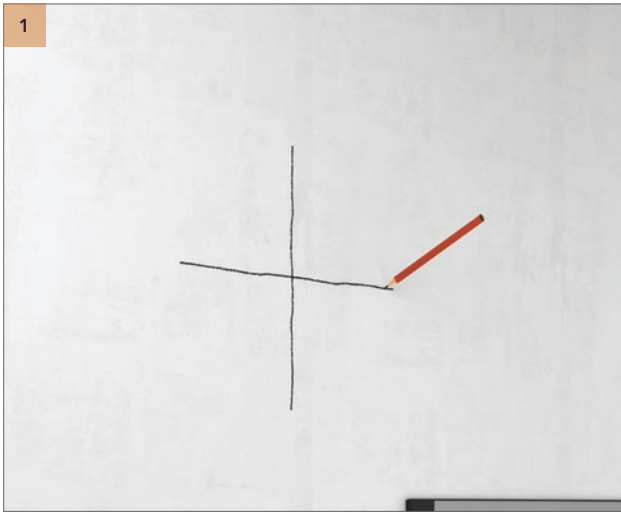
1

Mark a cross on the wall to indicate where you intend to fix the centre of your Rockfon Eclipse Wall panel. Make sure the upper leg of the cross is +/- 30 cm.

2

Place the marking tool above the cross drawn in step 1. Ensure that the centre of the cross aligns with the middle of the diamond cutout. See 2 - Detail.

2 – Detail

3

Mark the drilling holes.

4
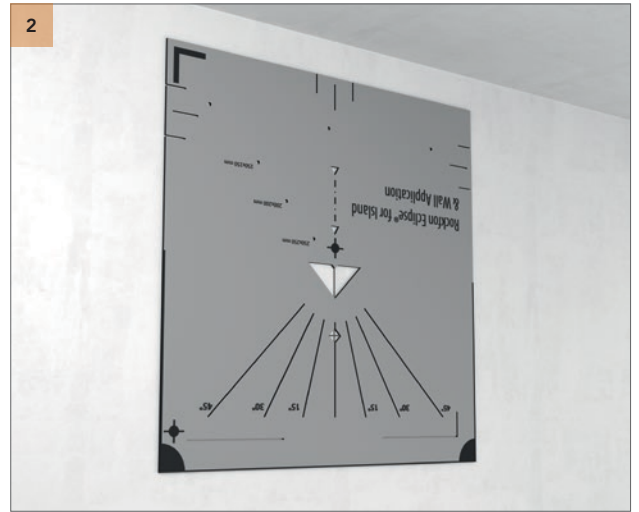
Drill the holes and install the wall fixing profile.

4. CIRCLE (800 MM)
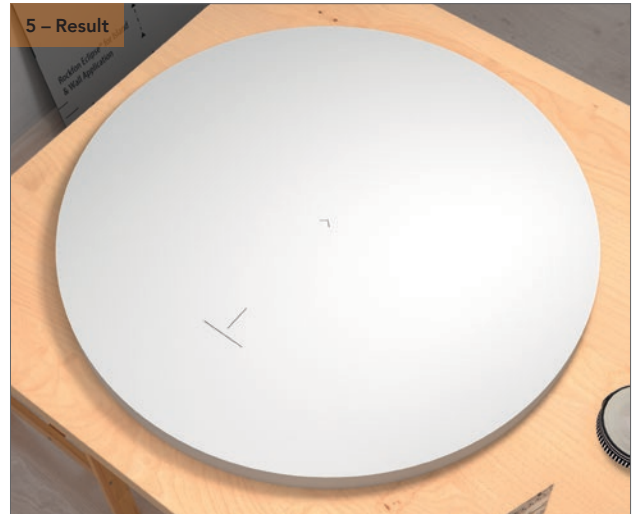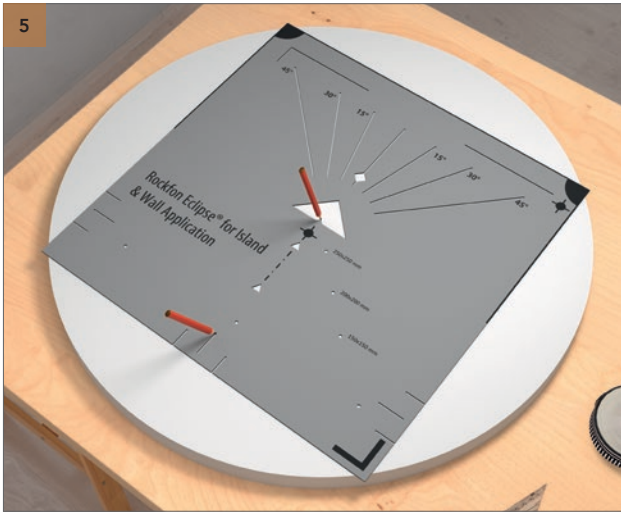
Position the marking tool on the back of the wall panel and mark with a pencil the base of the triangle and the position of the distance holder. See 5 - Result.
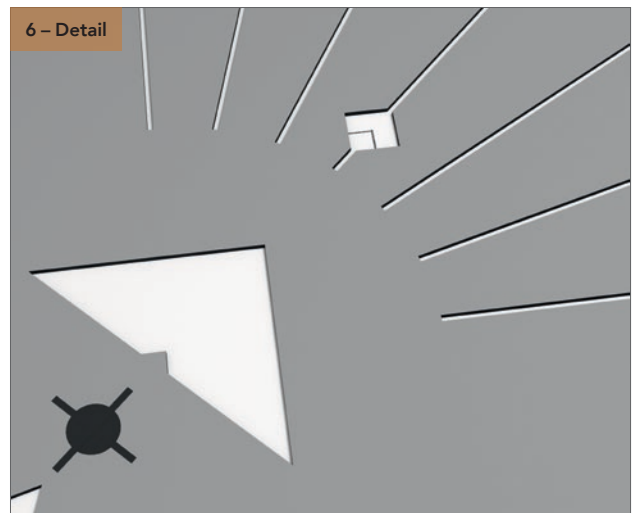
Position the marking tool so that the lines from step 5, drawn around the base of the triangle of the marking tool, are perfectly aligned within the diamond cutout. See 6 - Detail.

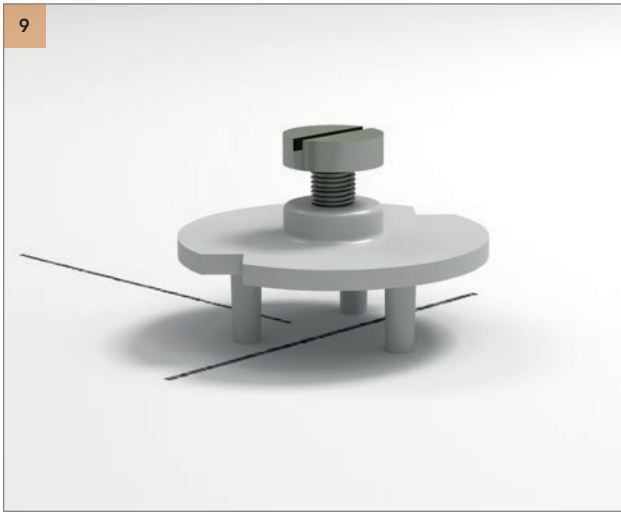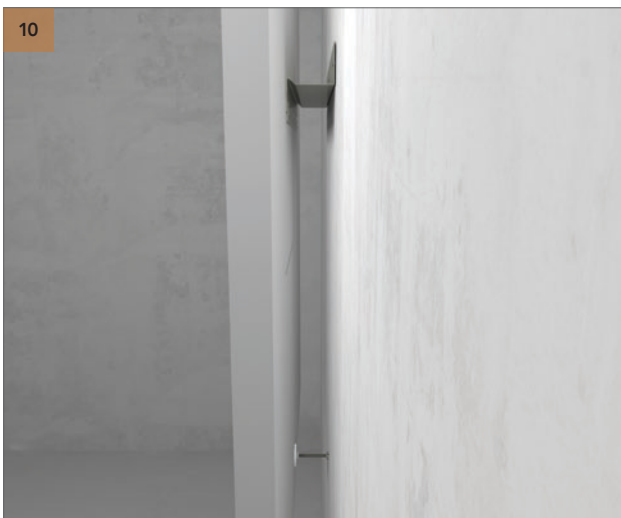*Mark the lines where the panel fixing profile must be inserted. See 7 - Result.*

Rockfon® System Eclipse Wall™
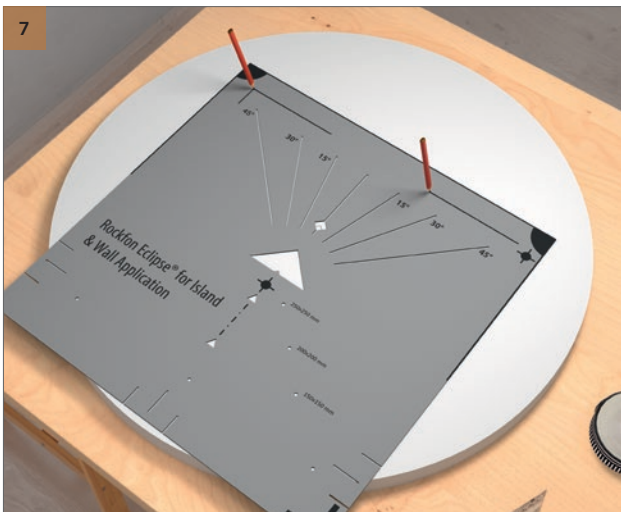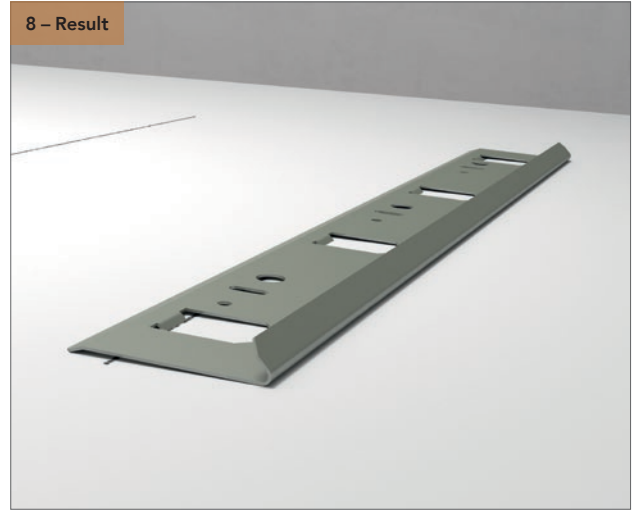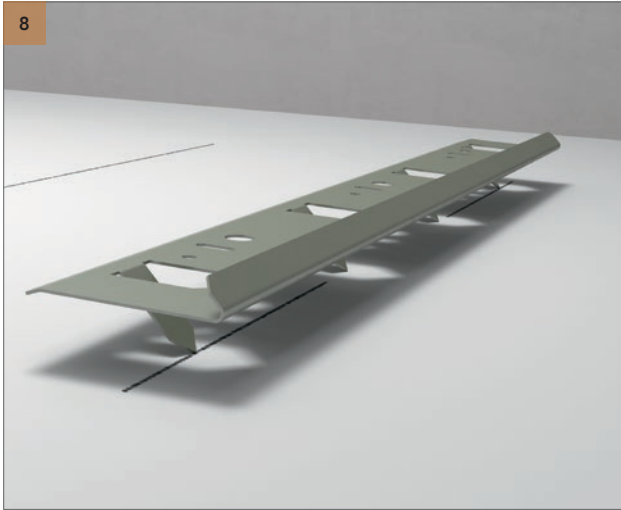
4. CIRCLE (800 MM)

Insert the panel fixing profile into the wall panel. See 8 - Result.

4. CIRCLE (800 MM)

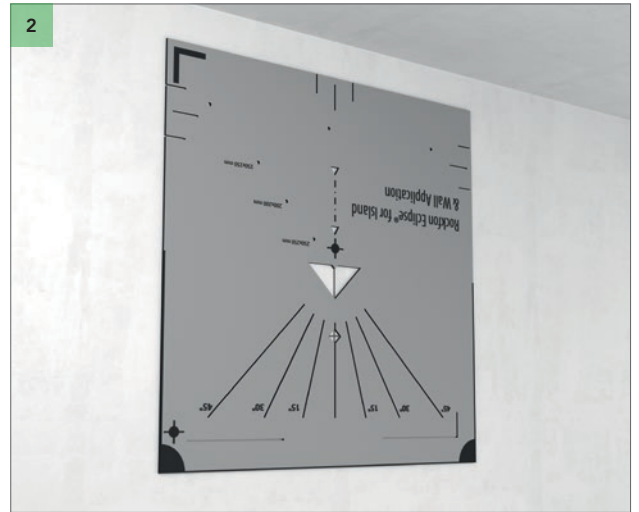*Insert the distance holder into the back of the wall panel. See 9 - Detail.*

Place your Rockfon Eclipse Wall panel on the wall fixing profile and adjust the distance holder until the Rockfon Eclipse Wall panel is level.
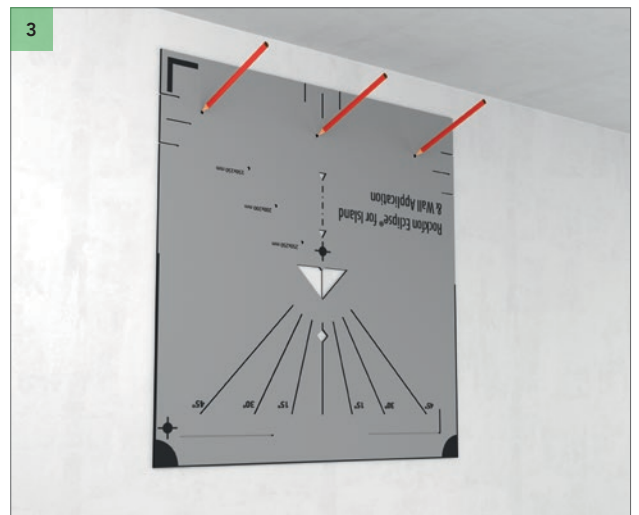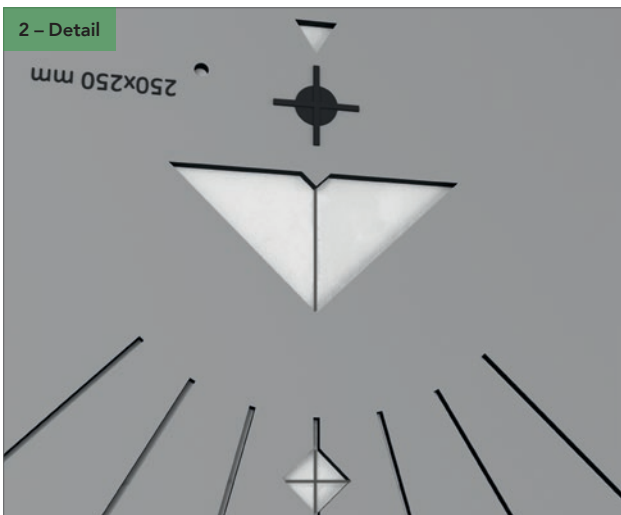
5. CIRCLE (1160 MM)
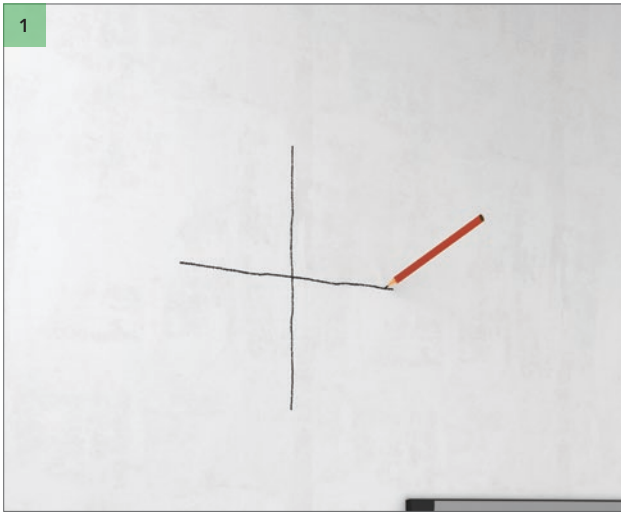
1

Mark a cross on the wall to indicate where you intend to fix the centre of your Rockfon Eclipse Wall panel. Make sure the upper leg of the cross is +/- 30 cm.

2

Place the marking tool above the cross drawn in step 1. Ensure that the centre of the cross aligns with the middle of the diamond cutout.
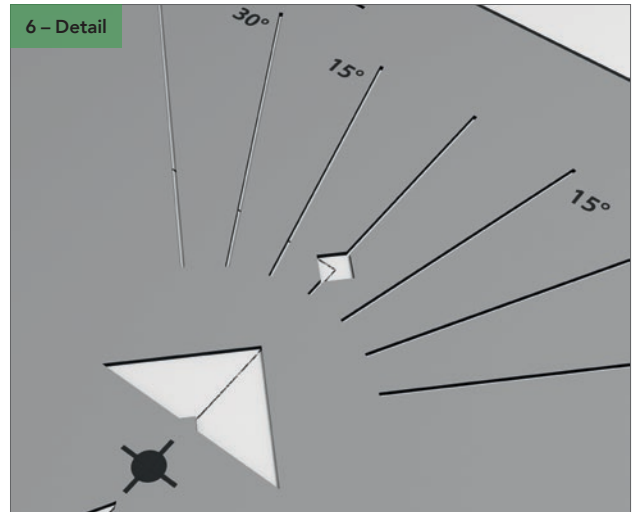*See 2 - Detail.*

2 – Detail

3

Mark the drilling holes.

4

*Drill the holes and install the wall fixing profile.*

5. CIRCLE (1160 MM)

5
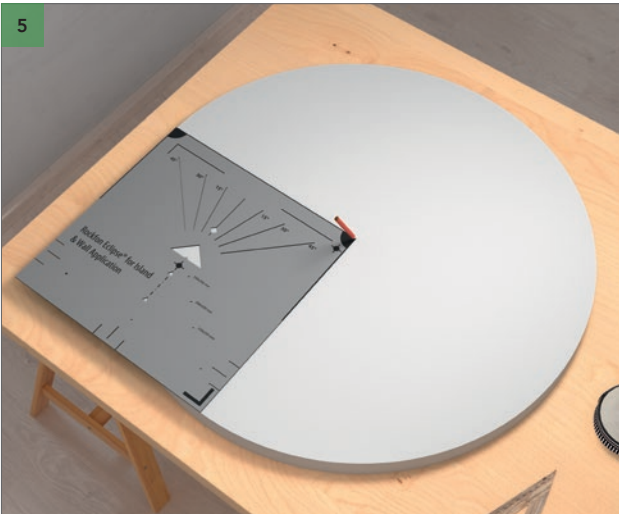
Position the marking tool so the top left and bottom right corners are at the edge of the circle on the back of the Rockfon Eclipse Wall panel. Mark with a pencil the centre lines using the upper right corner of the marking tool. See 5 - Result.

5 – Result

6

Position the marking tool so that the centre lines drawn in step 5, are perfectly aligned with the point at the base of the triangle on the marking tool and mark the position of the distance holder. See 6- Detail.

6 – Detail

7
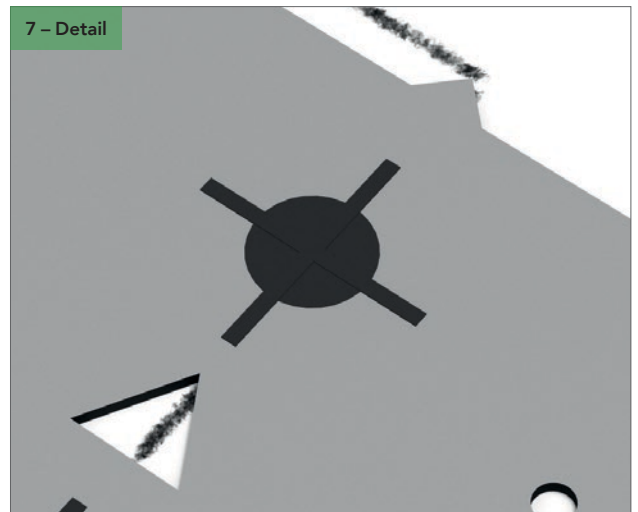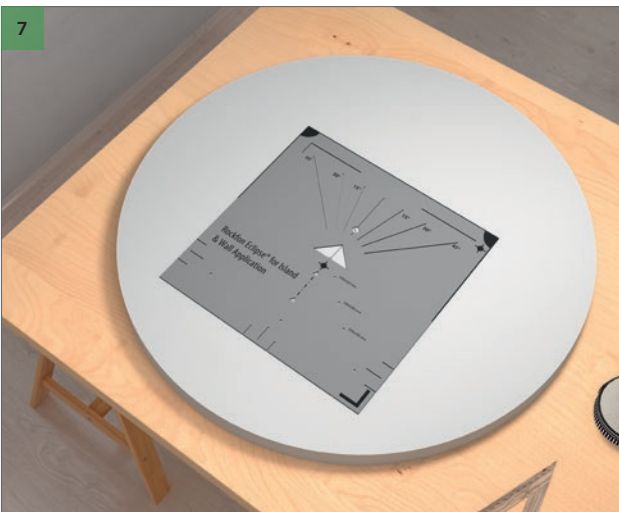
Mark the line where the panel fixing profile must be inserted. See 7 - Detail.

7 – Detail

The point at the base of the triangle shoud be positioned at the midpoint of your marking. The line marking the angle should be in the 0° line of the marking tool.
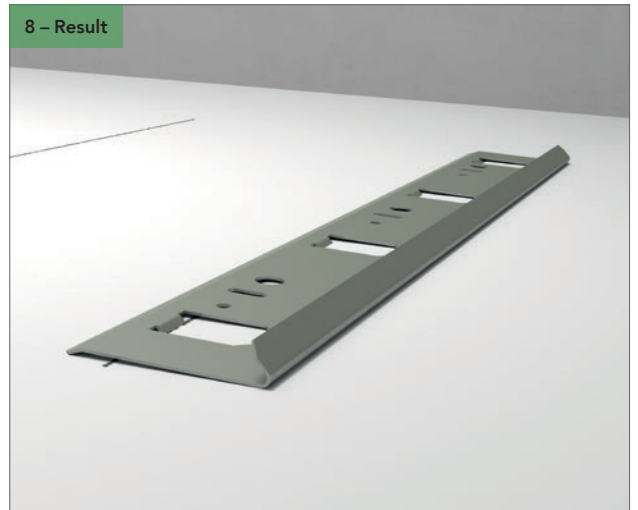
5. CIRCLE (1160 MM)
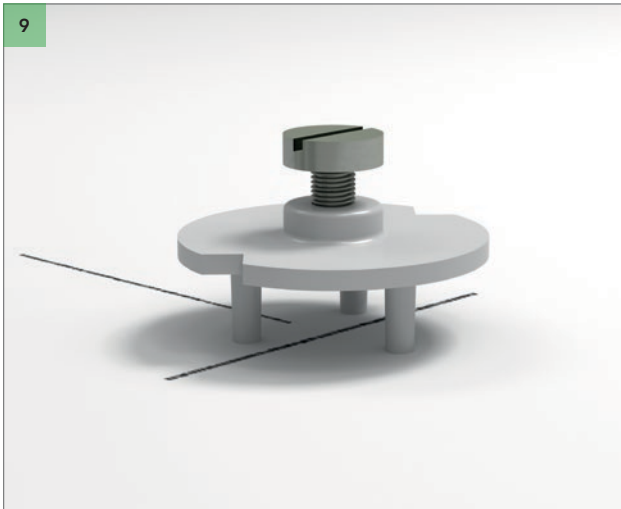
7 – Result

8
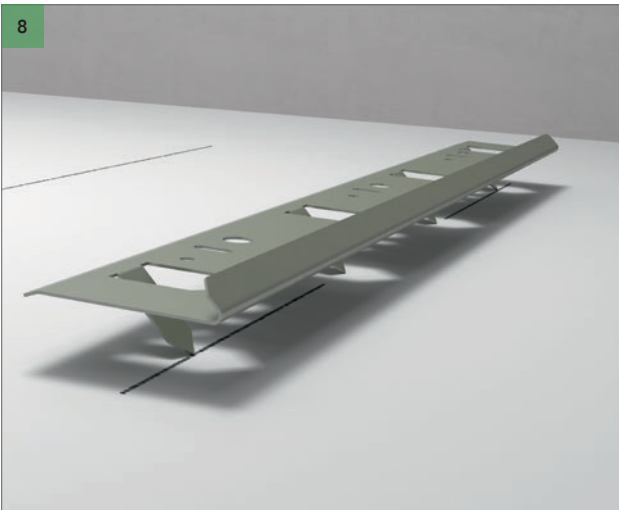
8 – Result

Insert the panel fixing profile into the wall panel. See 8 - Result.

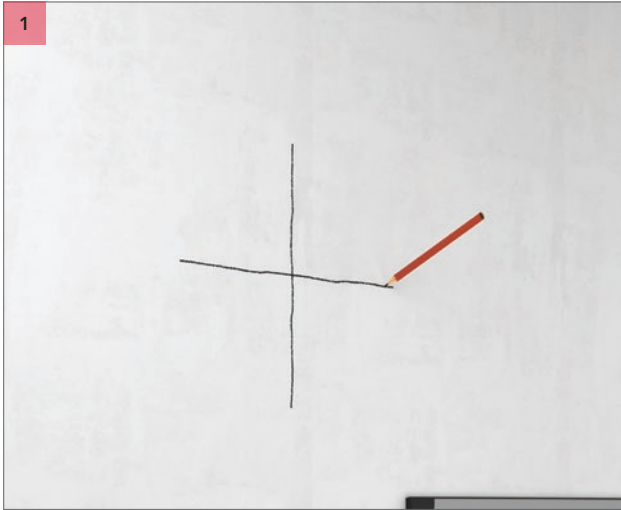**8 – Result**

5. CIRCLE (1160 MM)

Insert the distance holder into the back of the wall panel. See 9 - Result.
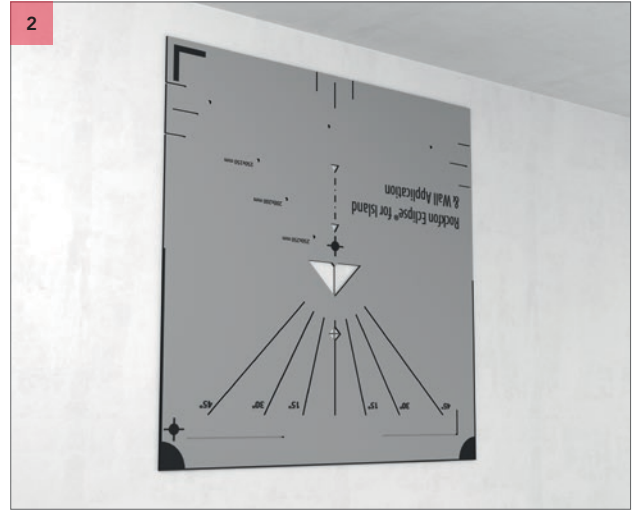

Place your Rockfon Eclipse Wall panel on the wall fixing profile and adjust the distance holder until the Rockfon Eclipse Wall panel is level.
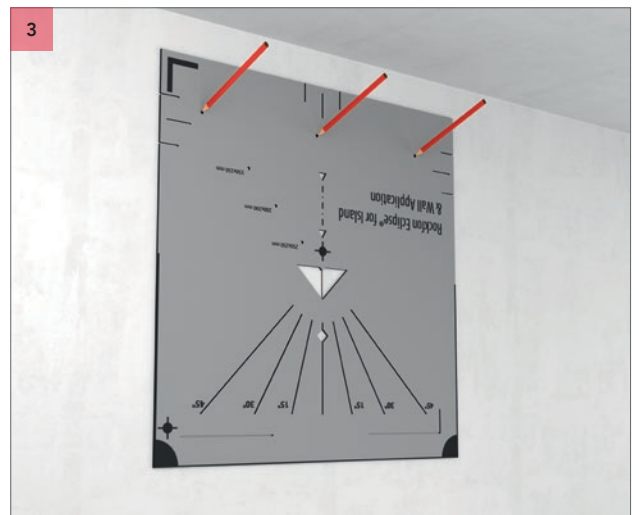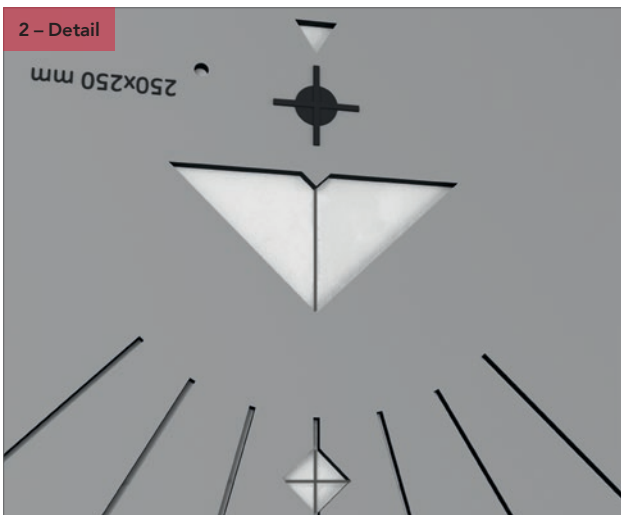
6. TRIANGLE

1

Mark a cross on the wall to indicate where you intend to fix the centre of your Rockfon Eclipse Wall panel. Make sure the upper leg of the cross is +/- 30cm.

2

Place the marking tool above the cross drawn in step 1. Ensure that the centre of the cross aligns with the middle of the diamond cutout.
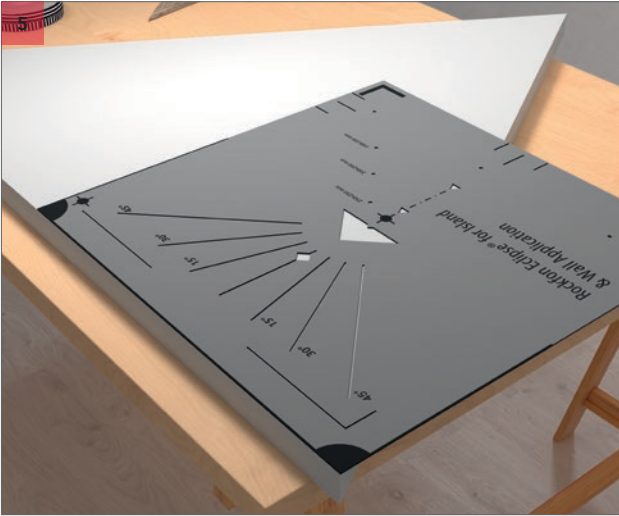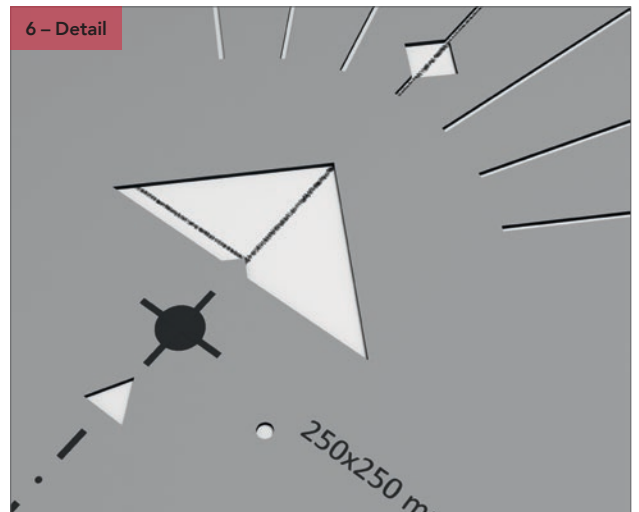See 2 - Detail.

2 – Detail

3

Mark the drilling holes.

4

Drill the holes and install the wall fixing profile.
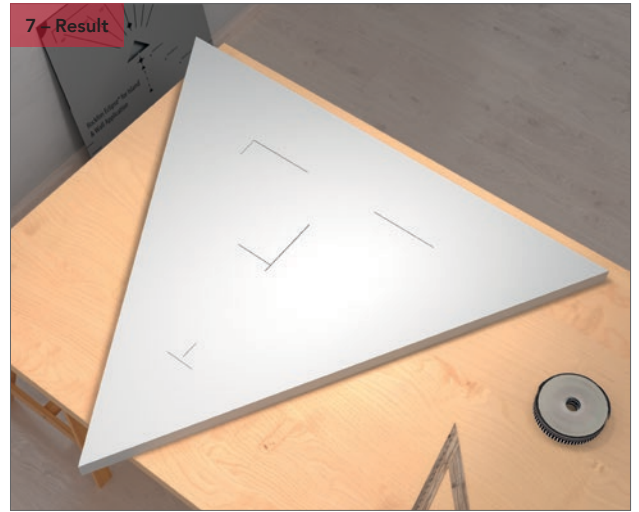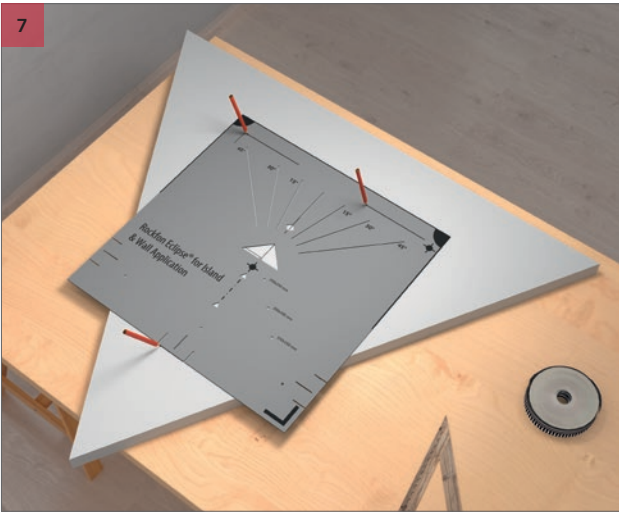
6. TRIANGLE
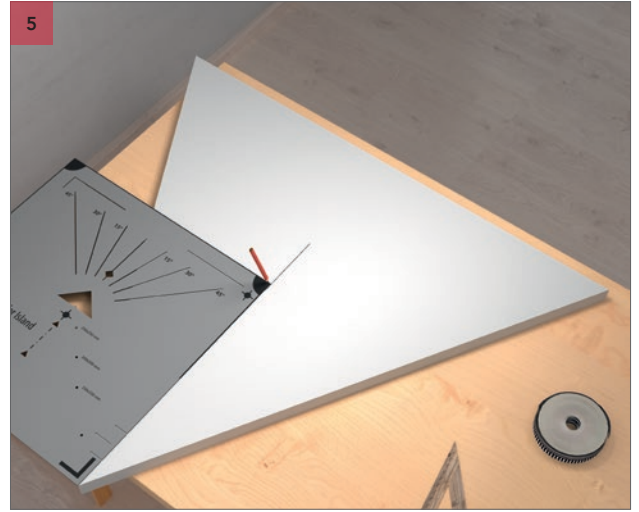
Position the marking tool in the lower corner on the back of the Eclipse panel, and mark the centre lines using the corner of the marking tool. See 5 - Result.
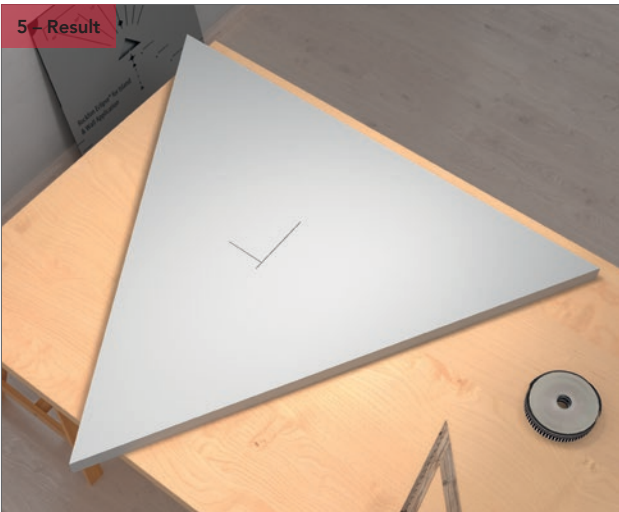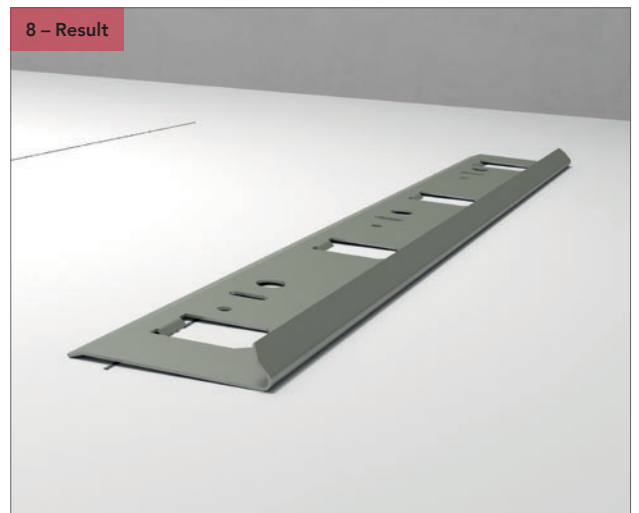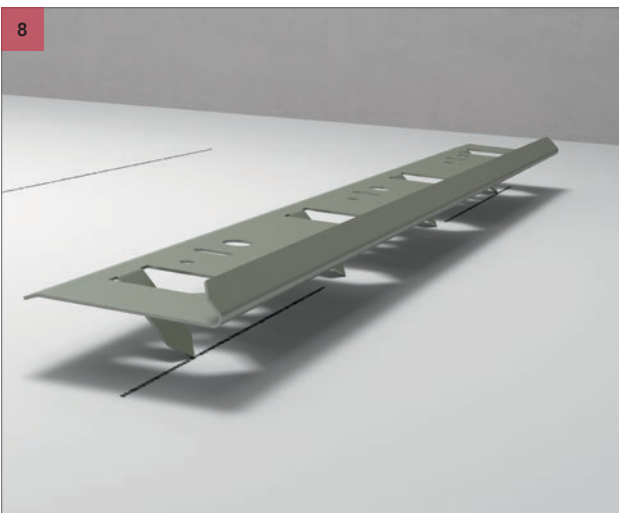

Position the marking tool so that the centre lines drawn in step 5 are perfectly aligned with the point at the base of the triangle on the marking tool. See 6 - Detail.
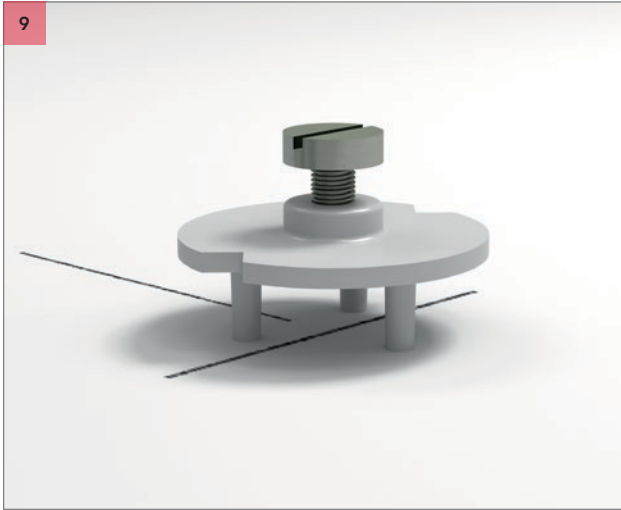
6. TRIANGLE

Mark the line where the panel fixing profile must be inserted and the position of the distance holder. See 7 - Result.

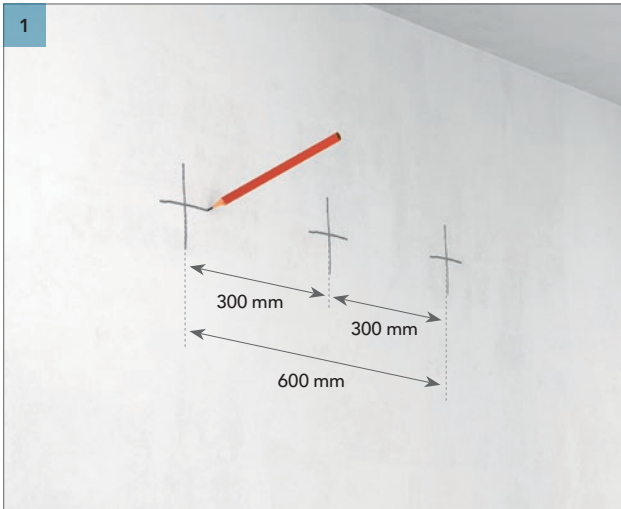Insert the panel fixing profile into the wall panel. See 8 - Result.

6. TRIANGLE

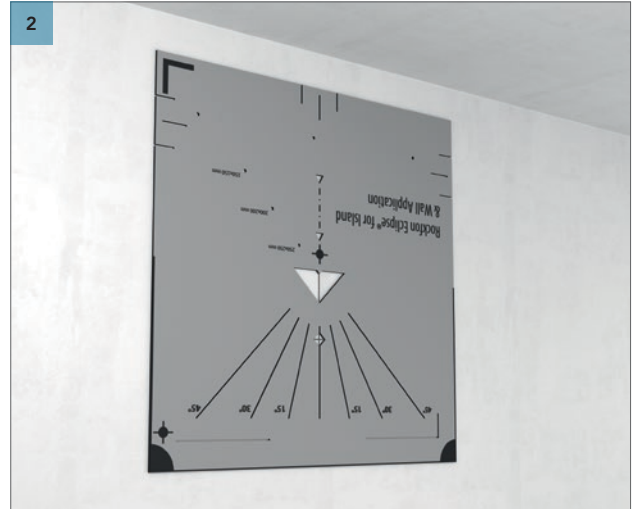Insert the distance holder into the back of the wall panel. See 9 - Result.

Place your Rockfon Eclipse Wall panel on the wall fixing profile and adjust the distance holder until the Rockfon Eclipse Wall panel is level.
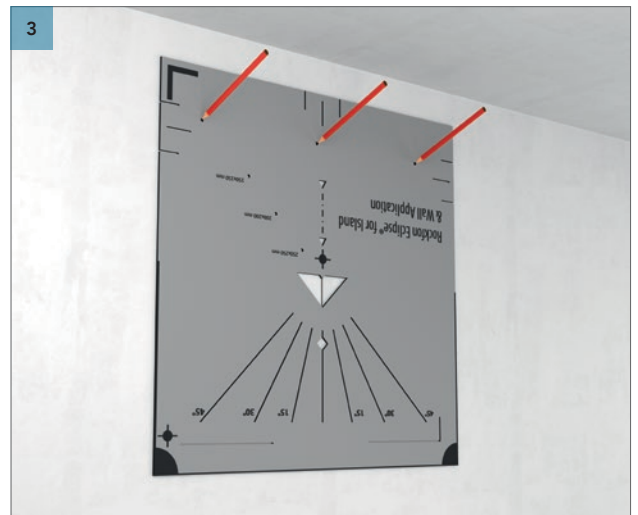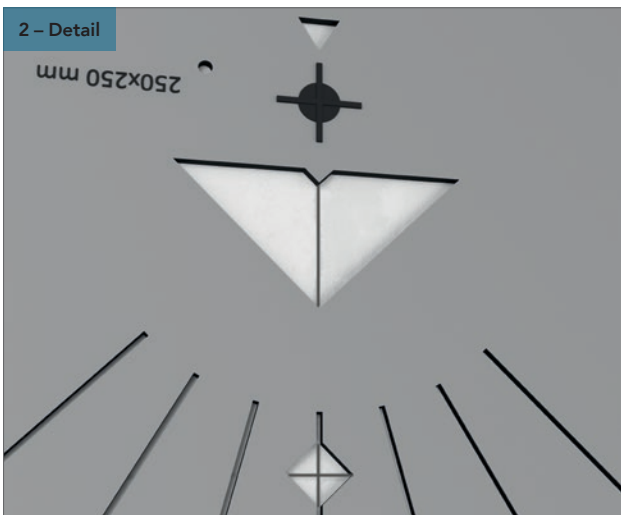
7. OVAL

1

Mark crosses on the wall to indicate where you intend to fix your Rockfon Eclipse Wall panel. Draw a cross 300 mm from each side of the middle fixing point. Make sure the upper legs of the crosses are +/- 30 cm.
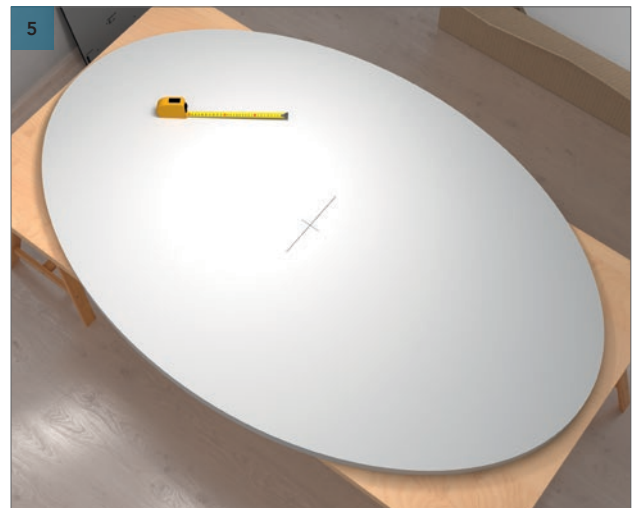
2

Place the marking tool above the crosses drawn on each side of the midpoint in step 1. Ensure that the centre of the cross aligns with the middle of the diamond cutout. See 2 - Detail.

2 – Detail
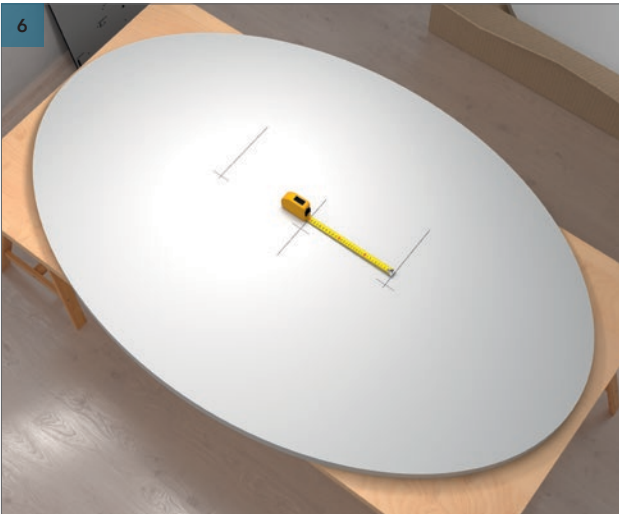

3

Mark the drilling holes.
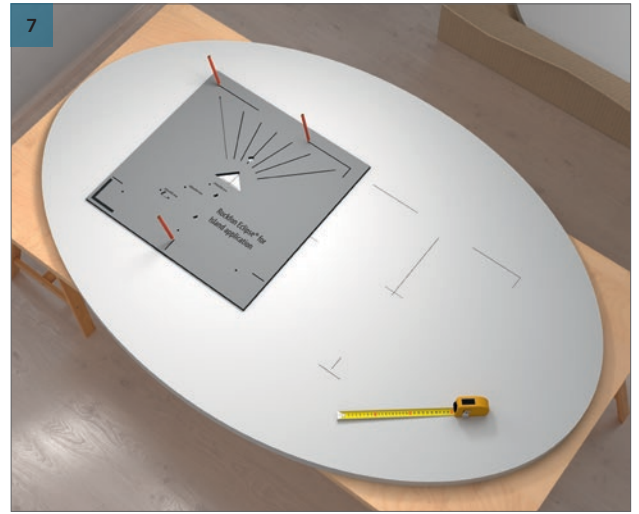
4

Drill the holes and install the wall fixing profile.
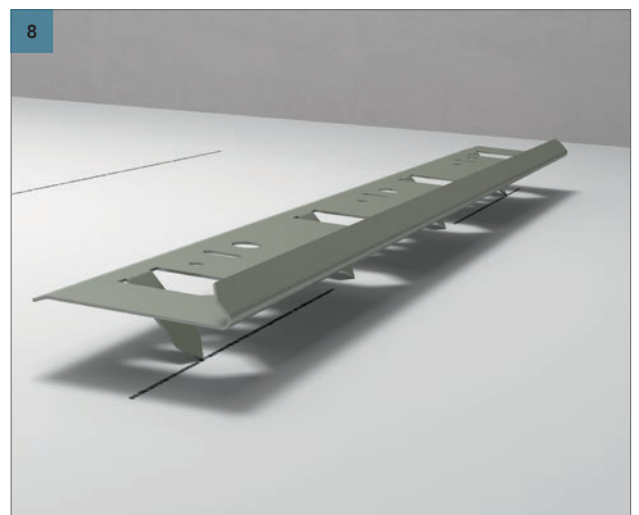
5

Define the centre of the oval.

7. OVAL

6
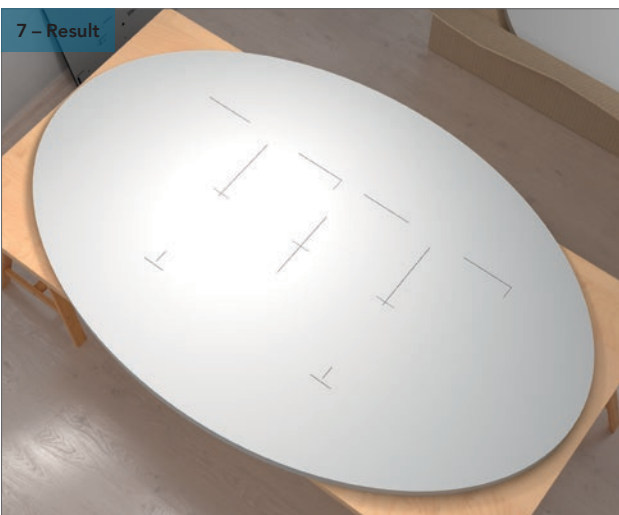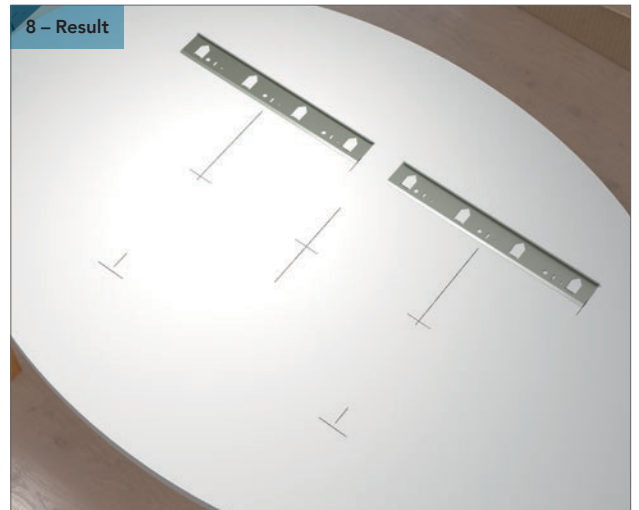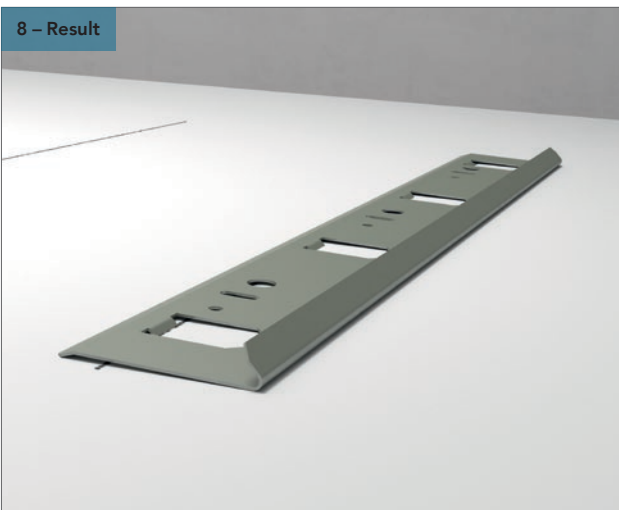

Measure and indicate horizontally 300 mm left and 300 mm right from the centre cross.
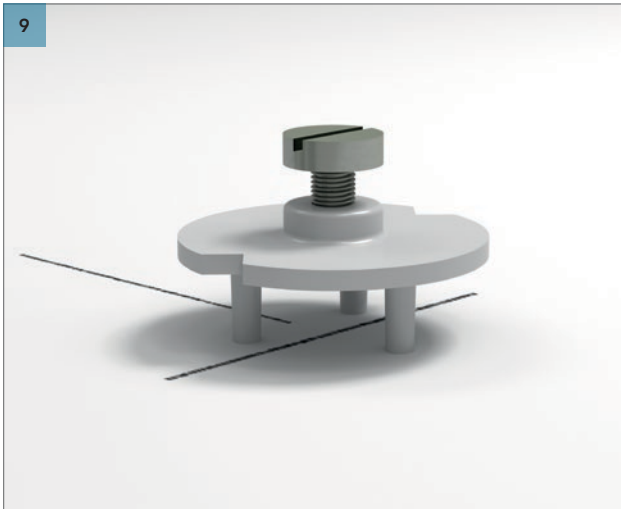
7

Mark the lines where the panel fixing profile must be inserted and the position of the distance holder. Do this to both the right and left side of the wall panel.
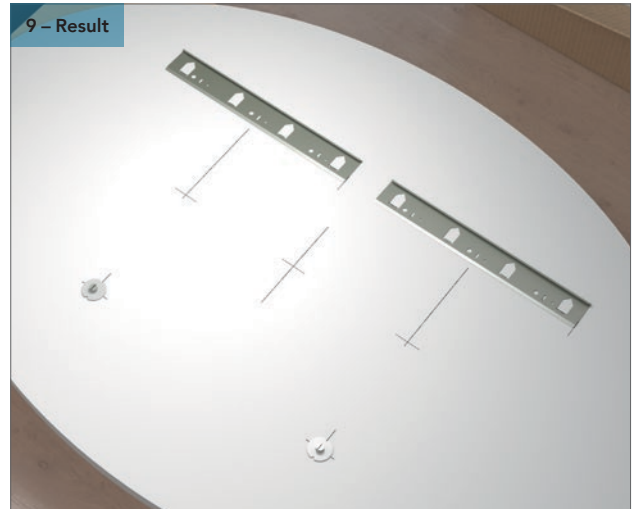
7 – Result

8

Insert the panel fixing profile into the wall panel. See 8 - Result.
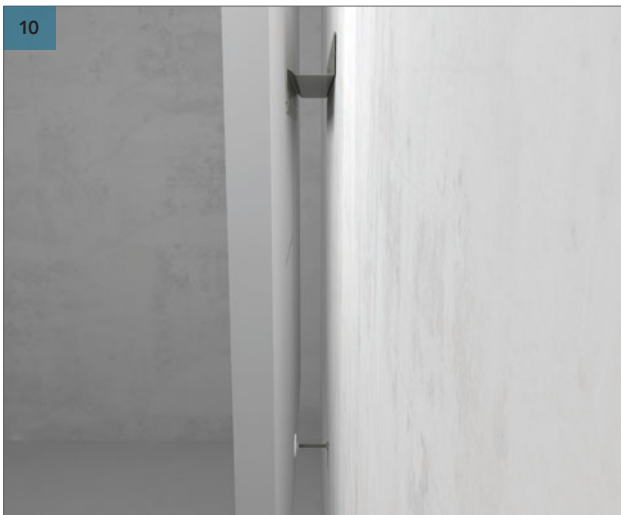
8 – Result

8 – Result

7. OVAL

Insert the distance holders into the back of the wall panel. See 9 - Result.

9 – Result

Place your Rockfon Eclipse Wall panel on the wall fixing profile and adjust the distance holder until the Rockfon Eclipse Wall panel is level. See 10 - Detail.

10 – Detail

8. FREEFORM

Contact Rockfon for the installation of freeform Rockfon Eclipse Wall panels.

Rockfon Eclipse and Rockfon Contour® edge repair filler

Edge repair filler for making good accidental edge damage caused during on-site handling or installation.

This filler was developed to repair dents or small holes, up to 15mm diameter, or scratches that may be caused during product mishandling.
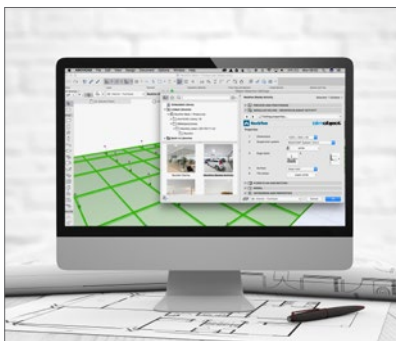
The structure and colour of the filler is identical to factory applied Rockfon Eclipse and Rockfon Contour edge paint, making site repairs virtually undetectable.

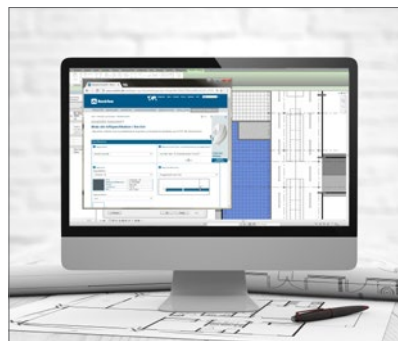It is easy to apply and quick drying.

Tools

Rockfon has developed specific tools that are available on **www.rockfon.co.uk**.

Visit our online CAD Library or BIM portal to assist you in your project design.

Generate specification texts for our products.

Explore our vast library of reference projects.

Rockfon® is a registered trademark
of the ROCKWOOL Group.

twitter.com/RockfonUK
linkedin.com/company/Rockfon-uk/
instagram.com/Rockfon_official/
youtube.com/RockfonUK

Rockfon
ROCKWOOL Limited T/A Rockfon
14th Floor, Chiswick Tower, 389 Chiswick High Road,
London W4 4AL
Tel: +44 (0) 208 222 7457
www.rockfon.co.uk