



INNOVASIA
ACOUSTICS

DIMENSIONAL ACOUSTICS™

Installation Guide

One Step Closer To True Silence



Dimensional Baffles and Clouds can be fixed to the ceiling using simple installation accessories and procedures to provide multiple configuration and suspension effects.

General Installation Guidelines

Dimensional Acoustics must be installed by experienced tradesmen having full knowledge of the product and installation procedures. The installation guidelines catalogued in this document are recommended by Innovasia Acoustics but do not represent a complete reference to existing conditions. Individual tradesman's ability to assess each situation and achieve the desired finished installation is essential. Innovasia presents this guide in good faith to assist relevant installation and accepts no liability for installation actions.

Handling, Storage and Inspection

Products must be stored in a sealed and moisture-proof warehouse. After unpacking and before installation, confirm the correct material and color has been supplied and inspect the product thoroughly for any damage or defects. Do not install unacceptable or questionable quality products. Innovasia will not be responsible for removal or replacement costs of unacceptable products.

- Panels should be stored in boxes on a flat, solid and dry surface other than the floor.
- Avoid dropping the panels to prevent causing damage to the surface.
- Keep away from sources of heat including radiators, steam pipes and direct sunlight.

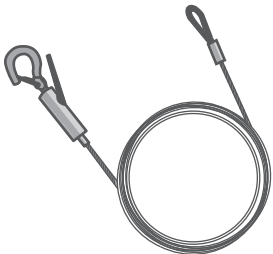
Surface Preparation

Products can be installed on substrates including plasterboard, concrete and fiber cement. Make sure ceilings are clean and dry before installation. Wear white, clean, soft gloves while handling the product to prevent marking.

Installation

All dimensions and conditions should be verified on site before commencing installation. Follow the installation instructions, step-by-step, outlined for Baffle and Cloud products.

Components:



Suspension Cord with Adjustable Connector Clip and Loop



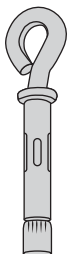
Adjustable Connector Clip



Suspension Cord Loop



Spiral Hook



Ceiling Anchor*

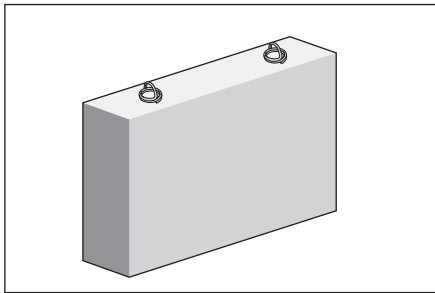
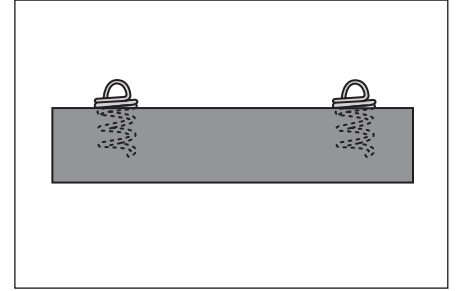
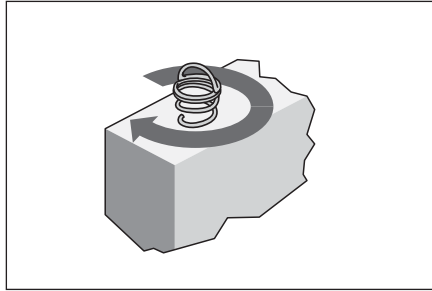
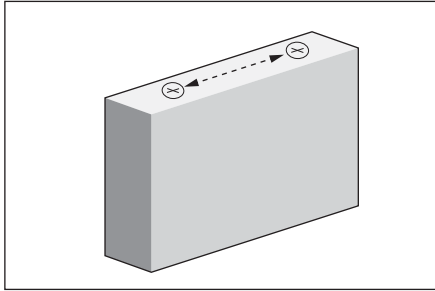
* Ceiling anchors are not included in the installation accessory kit. This ceiling anchor is suitable for concrete ceiling only. Ceiling anchors vary with each installation condition.

Spiral Hook Method

Steps 1 and 2

Measure and mark the location of spiral hooks on the panel. Maintain the recommended spacing between two spiral hooks. Refer to page 7 for recommended spacing for Baffle. Insert spiral hooks into the panel. Repeat Steps 1 and 2 for all panels.

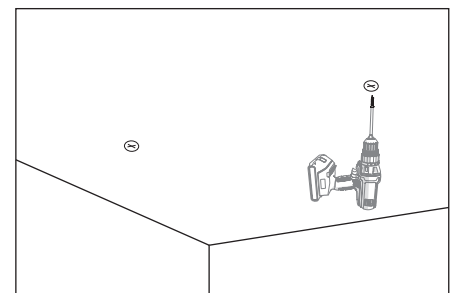
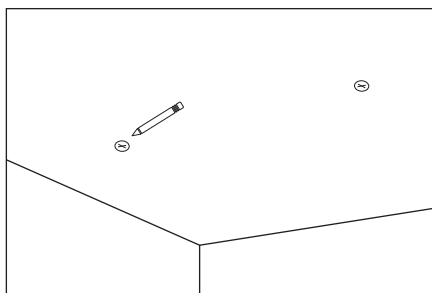
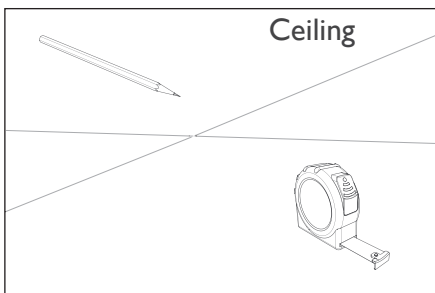
NOTE: Depending on the size and shape of the panel, two or more sets of installation accessories may be used for each panel.



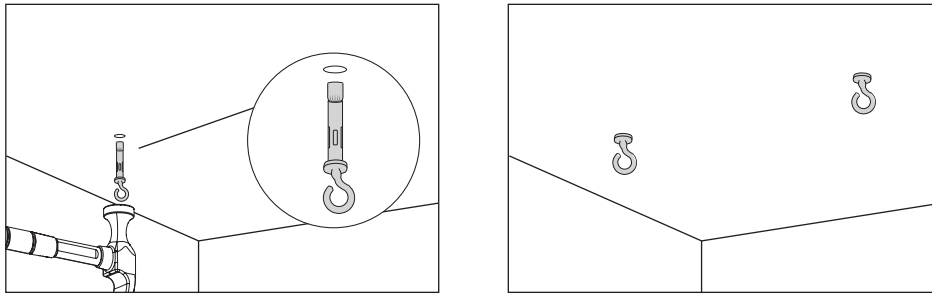
Steps 3, 4, and 5

Prepare and measure the ceiling. Using a laser level, transfer and mark the location of corresponding ceiling anchors. Drill holes and insert ceiling anchors in place. Repeat steps for all panels.

NOTE: While marking the location of ceiling anchors, maintain the same spacing as specified for spiral hooks.

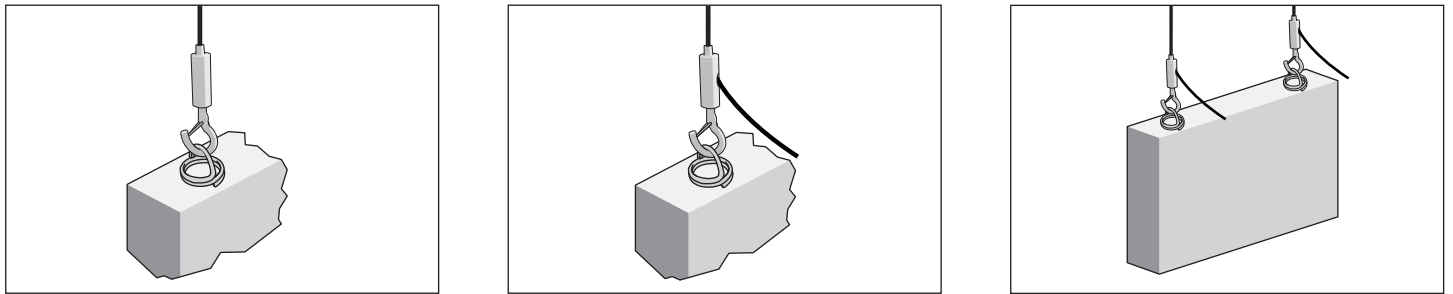


NOTE: The ceiling anchor shown below is suitable for concrete ceilings only. This is one of many different types of ceiling anchors that can be used in the installation of Dimensional Acoustic products. Depending on the type of ceiling, installer should use the appropriate ceiling anchor after checking with local building regulatory body.



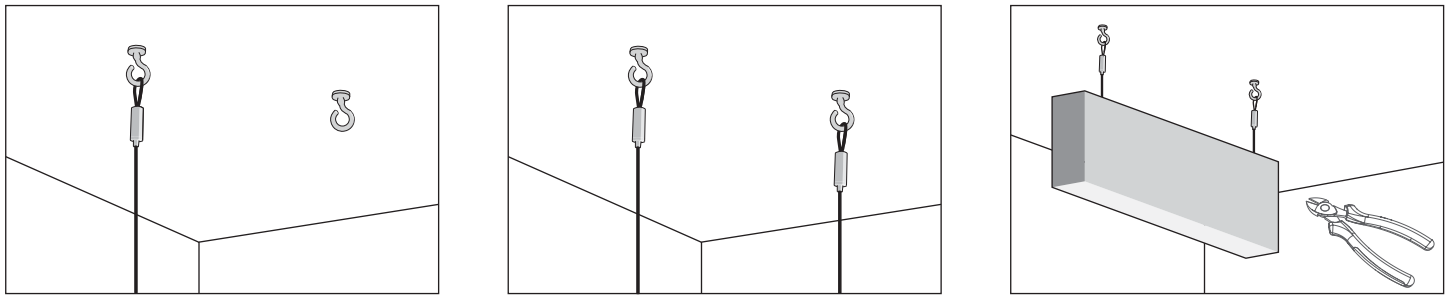
Steps 6 and 7

Clip the suspension cord to the spiral hook already inserted into the panel. Using the adjustable connector clip, adjust the length of the suspension cord. Repeat for other suspension cords.



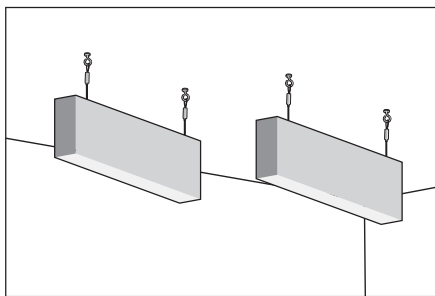
Steps 8, 9 and 10

While supporting the panel firmly, lift the suspension cord and hook the loop of suspension cord to the ceiling anchor. Repeat step for other suspension cords. Once the panel is level and in position, cut off the excess suspension cords with wire cutters.



Step 11

Repeat steps for all panels.

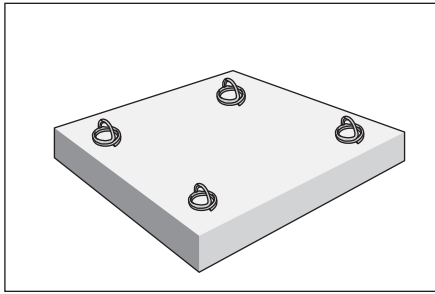
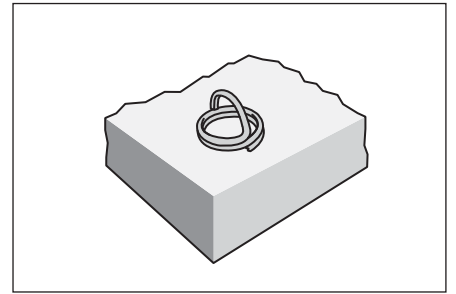
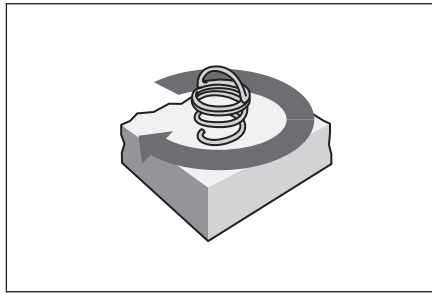
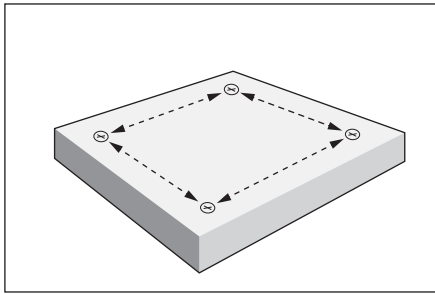


Spiral Hook Method

Steps 1 and 2

Measure and mark the location of the spiral hooks on the panel. Maintain the recommended spacing between the edge of the panel and spiral hook, and between two spiral hooks. Refer to pages 8 - 12 for recommended spacing for Cloud. Insert spiral hooks into the panel. Repeat Steps 1 and 2 for all panels.

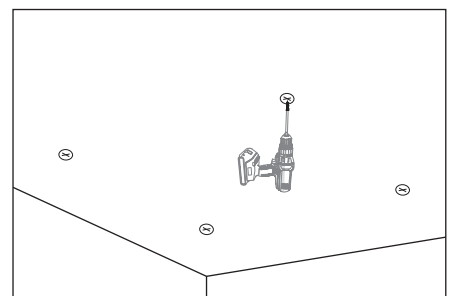
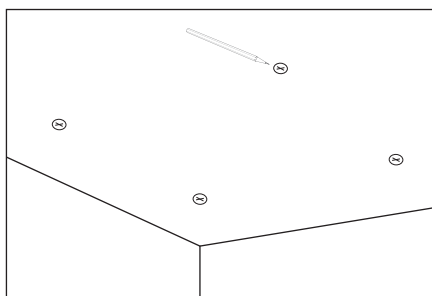
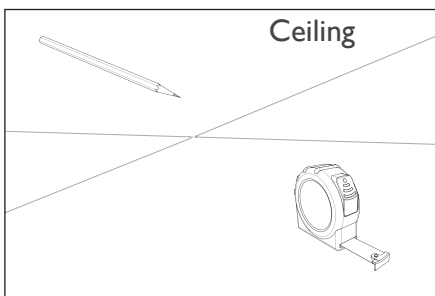
NOTE: Depending on the size and shape of the panel, two or more sets of installation accessories may be used for each panel.



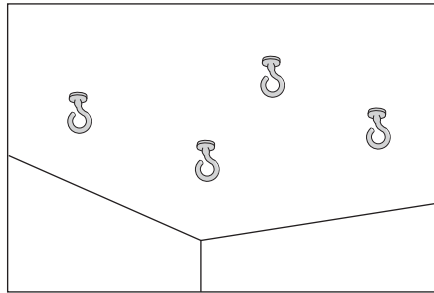
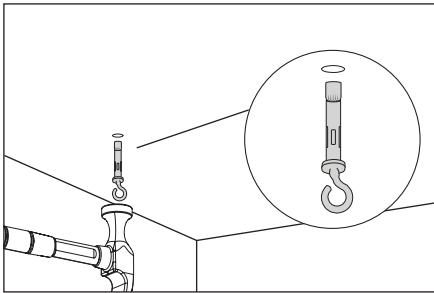
Steps 3, 4, and 5

Prepare and measure the ceiling. Using a laser level, transfer and mark the location of corresponding ceiling anchors. Drill holes and insert ceiling anchors in place. Repeat steps for all panels.

NOTE: While marking the location of ceiling anchors, maintain the same spacing as specified for spiral hooks.

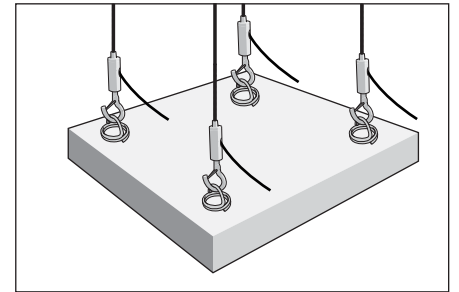
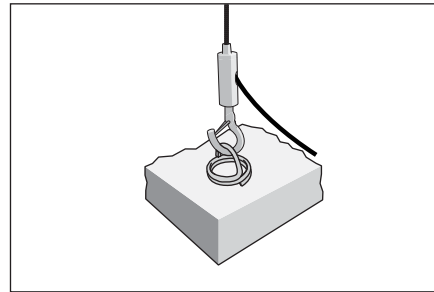
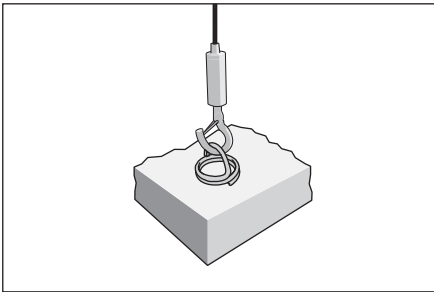


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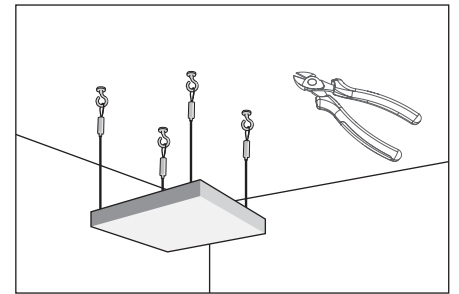
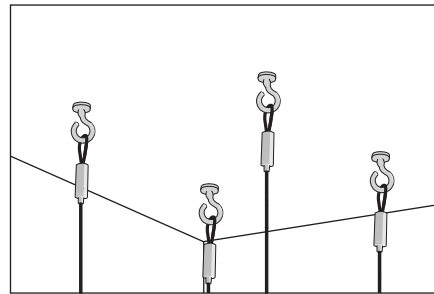
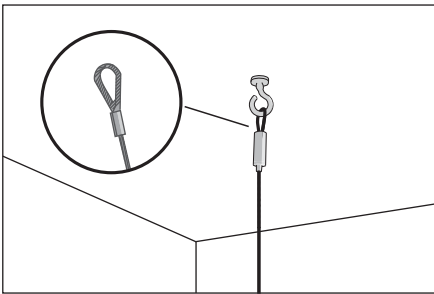
Steps 6 and 7

Clip the suspension cord to spiral hook already inserted into the panel. Using the adjustable connector clip, adjust the length of suspension cord. Repeat for other suspension cords.



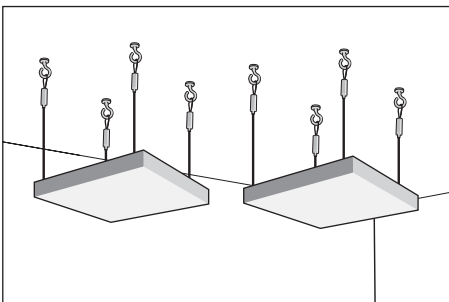
Steps 8, 9, and 10

While supporting the panel firmly, lift the suspension cord and hook the loop to the ceiling anchor. Repeat step for other suspension cords. Once the panel is level and in position, cut off the excess suspension cords with wire cutters.

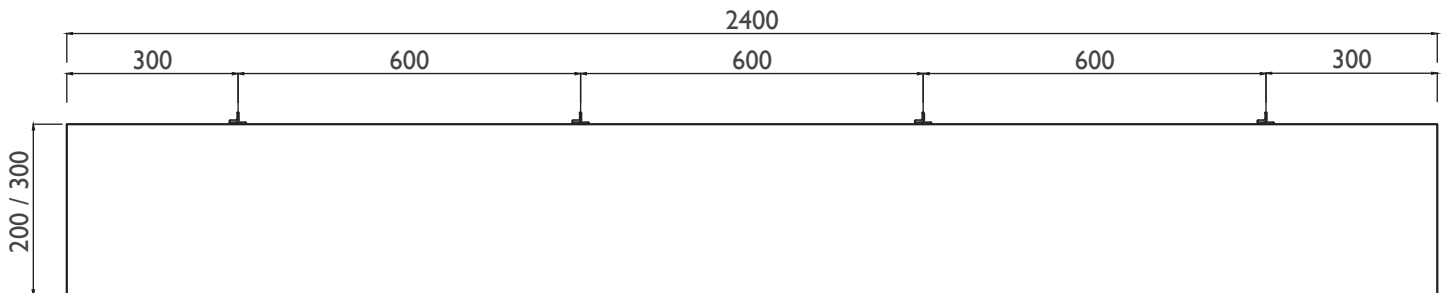
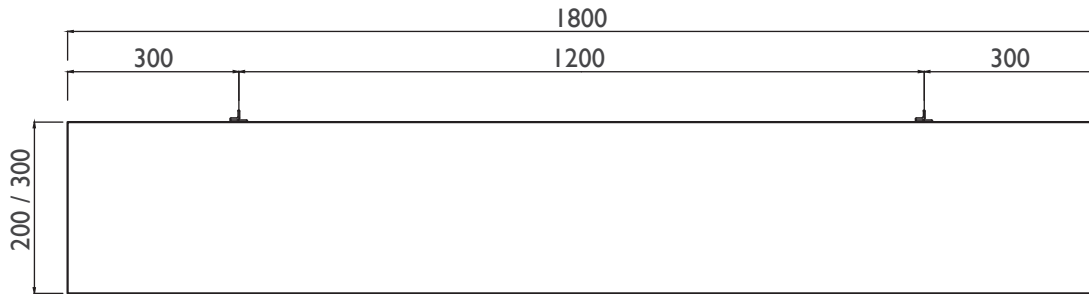
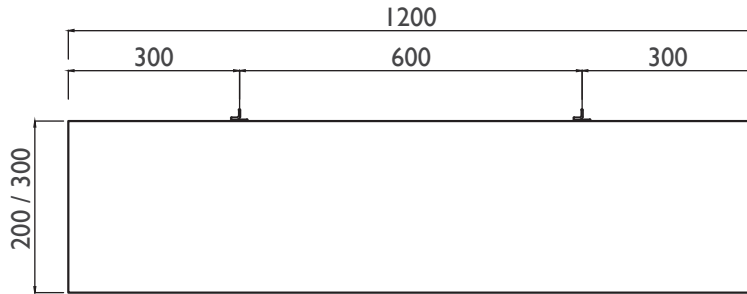


Step 11

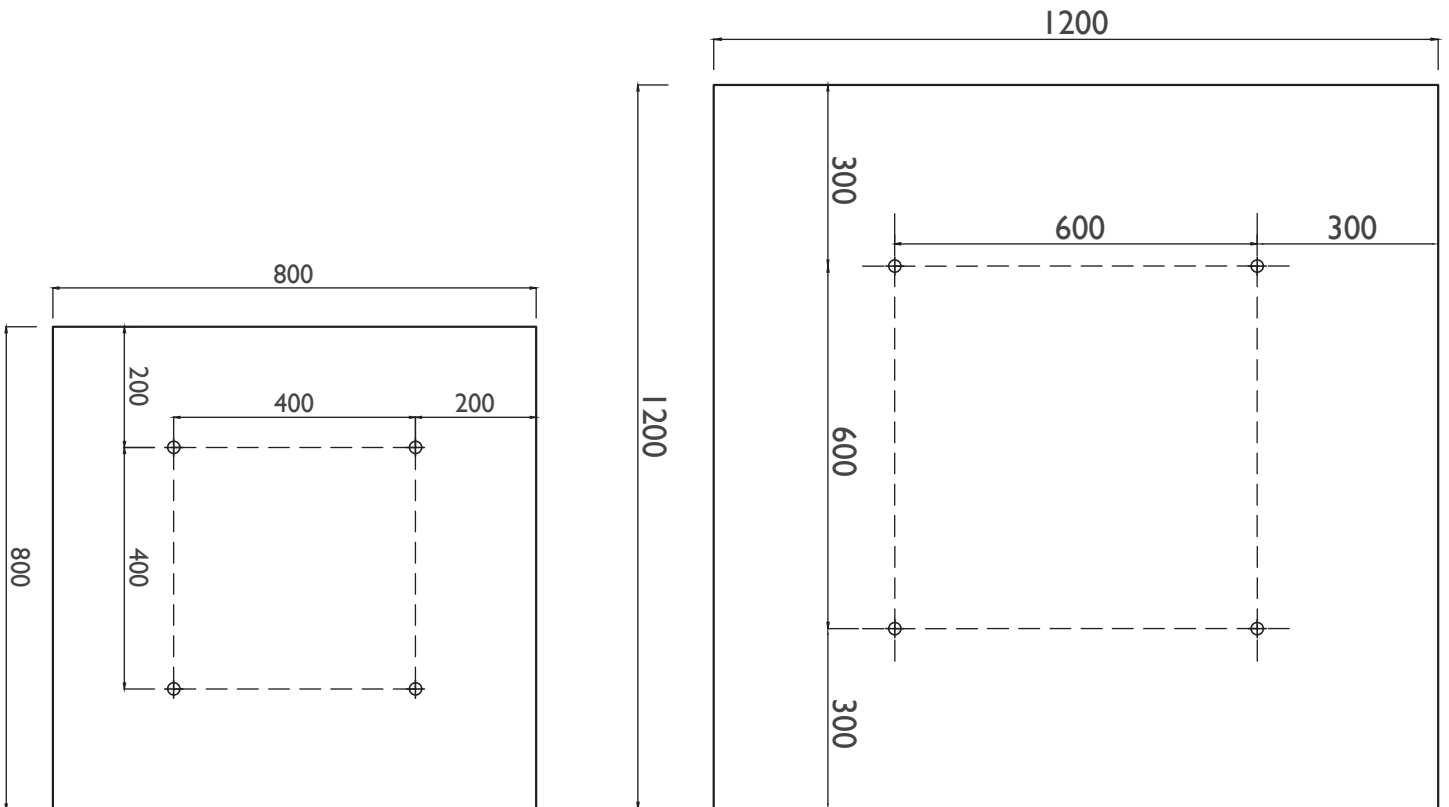
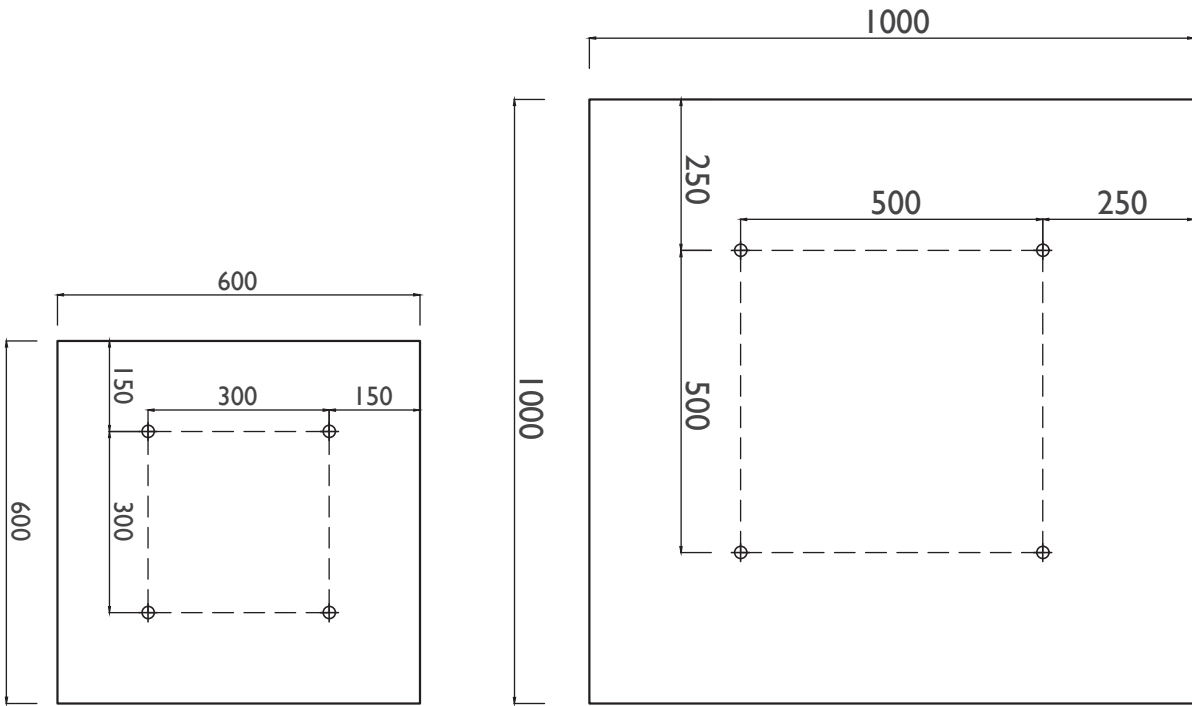
Repeat steps for all panels.



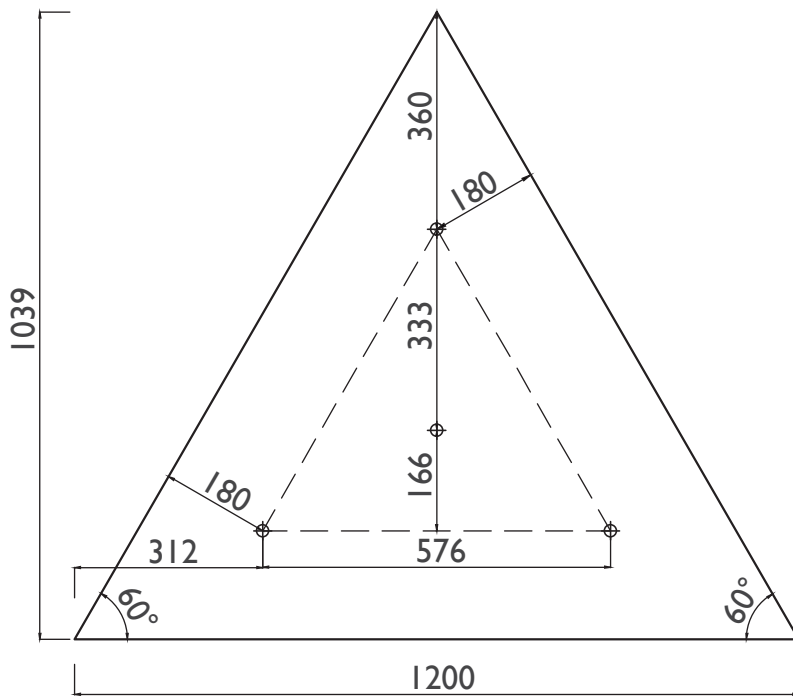
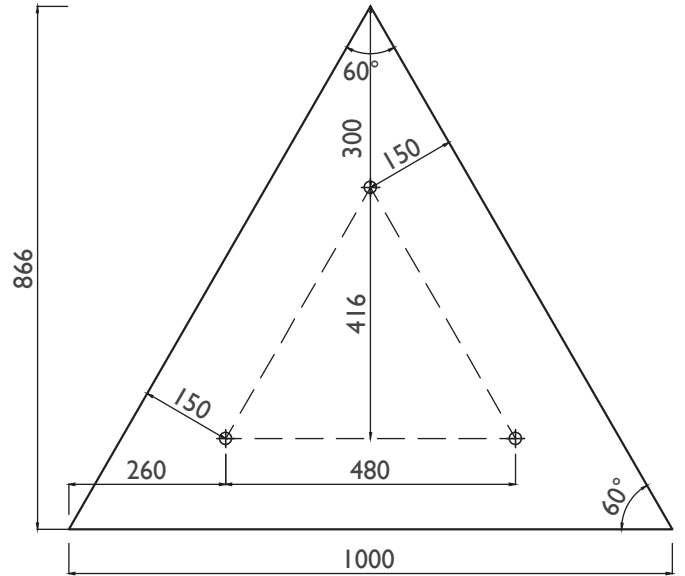
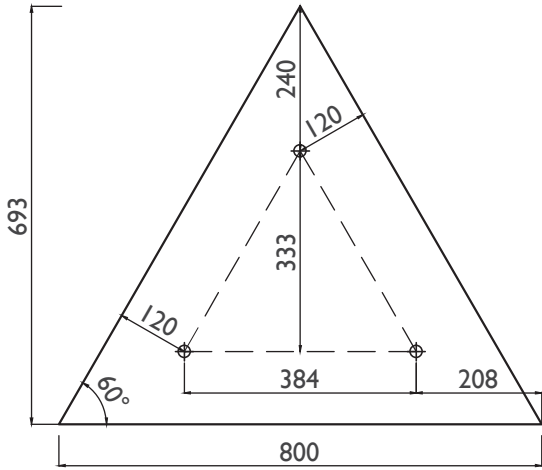
Spiral Hook Insertion Guide (in millimeters)
for Baffle - Rectangle



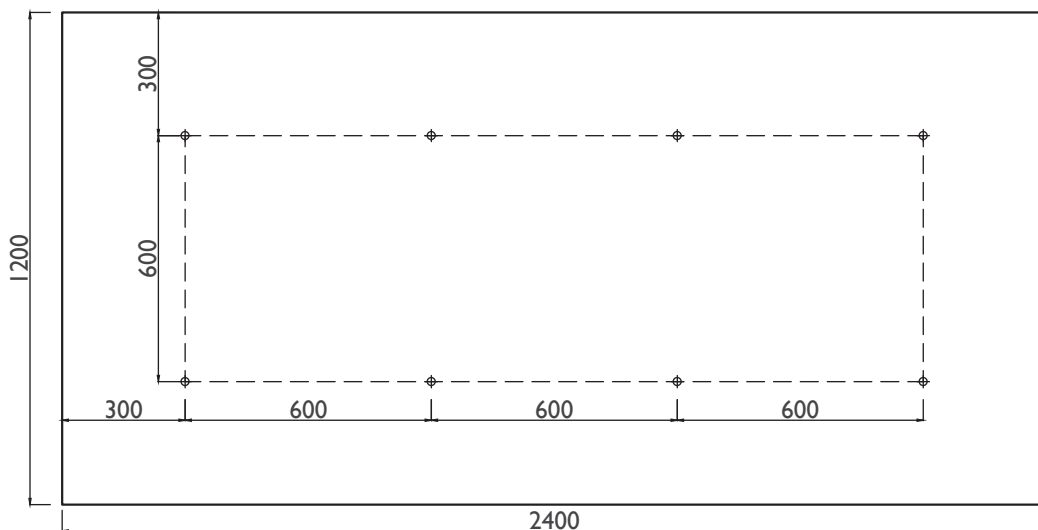
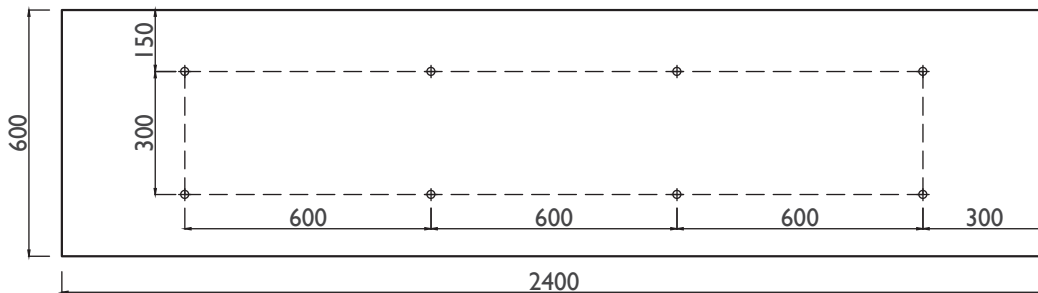
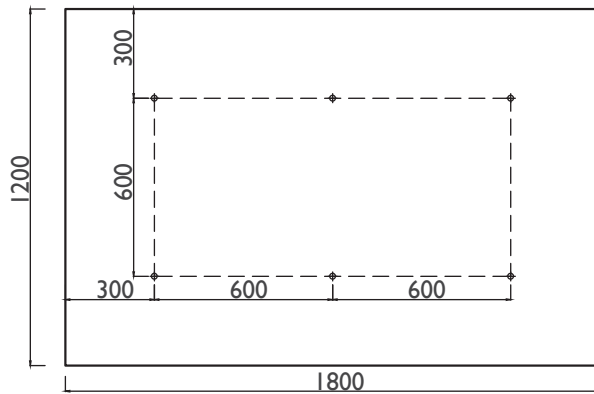
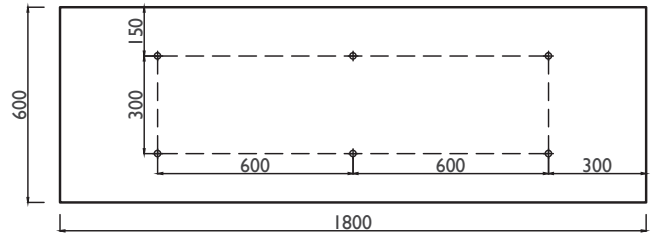
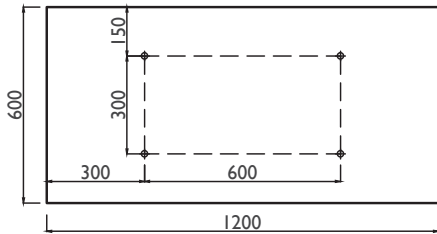
Spiral Hook Insertion Guide (in millimeters)
for Cloud - Square



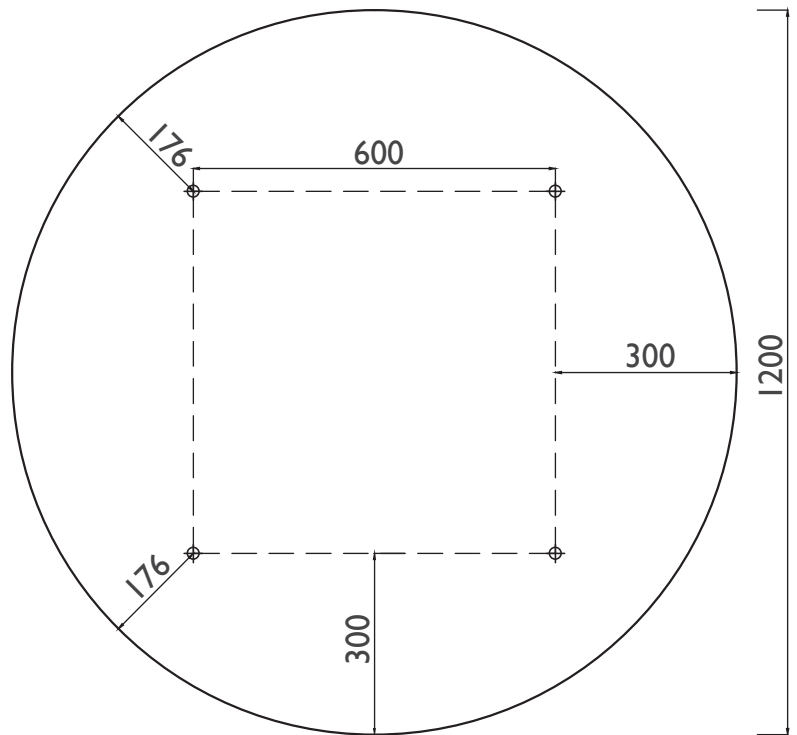
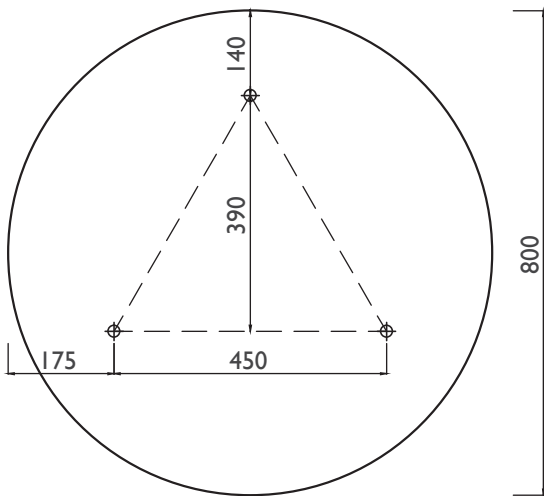
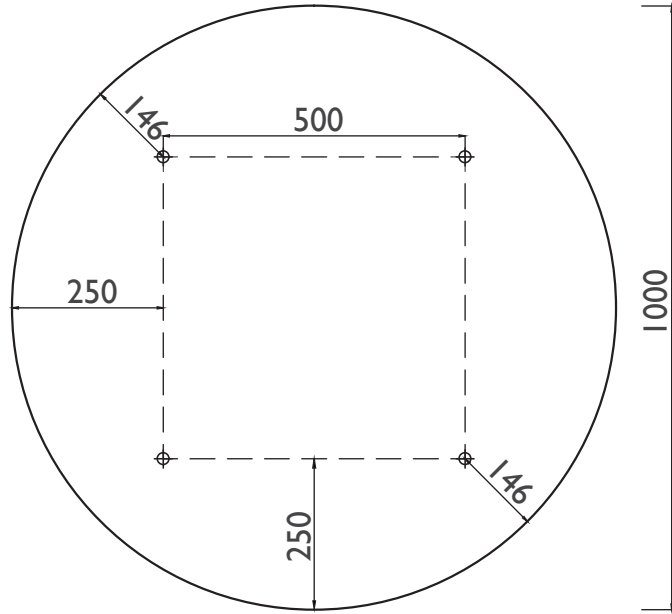
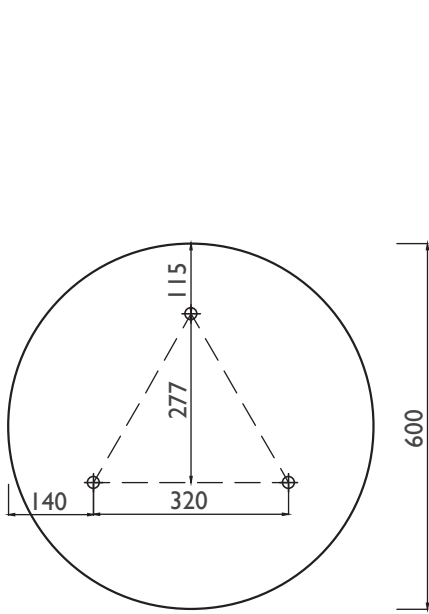
Spiral Hook Insertion Guide (in millimeters)
for Cloud - Triangle



Spiral Hook Insertion Guide (in millimeters)
for Cloud - Rectangle



Spiral Hook Insertion Guide (in millimeters)
for Cloud - Circle



Spiral Hook Insertion Guide (in millimeters)
for Cloud - Hexagon

