

# ao-gami™



## **Ao-Gami Open Cell Ceiling System Installation Guide**



# ao-gami™

## Ao-Gami Open Cell Ceiling System

### Installation Guide

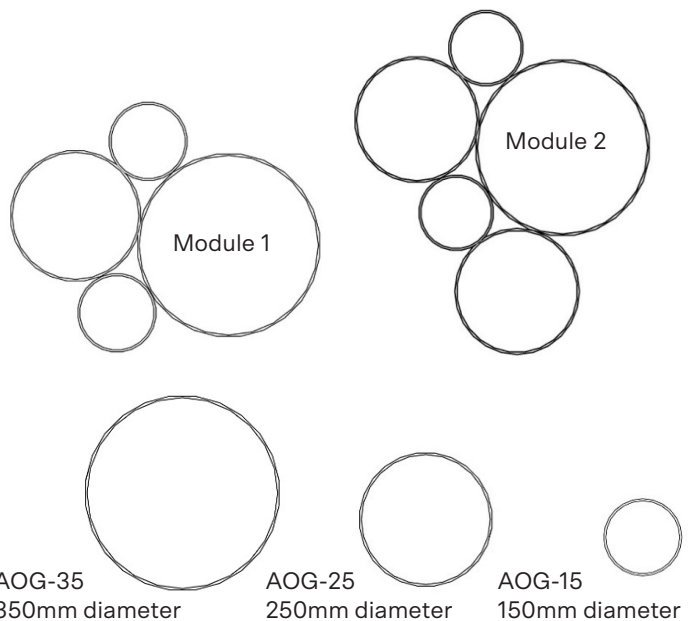
Asona Ao-gami is a light weight tubular style open cell ceiling system designed to provide a decorative and acoustic finish to commercial interiors. The tubes are suspended from tensioned rigging wire and layout in a random format.

#### Special Instructions

The material is manufactured in NZ from proprietary Sonatex non-combustible glass mat composite sheet that is thermoformed into tubes. The material is fragile and care must be taken when handling cartons on site, unpacking and installing. Only trusted, skilled and experienced tradespeople should install this product. Allowance for wastage is care of the installer/ contractor.

#### Materials & Equipment

1. Ao-Gami tubes – Modules 1, 2 and individuals (as shown below)
2. Water based adhesive
3. Tape measure and pencil
4. Laser for set out of rigging wire
5. Rigging wire rope 2mm
6. Bottle screw/ Turnbuckle (jaw/jaw)
7. Eye screw 6mm (two options shown)
8. Cable clamp (two options shown)
9. Hole punch
10. Fine paint brush for adhesive applications to temporarily fix tubes in position
11. Paper Clips
12. Crimping tool
13. Wire rope cutters
14. Ao-Gami hanger clips



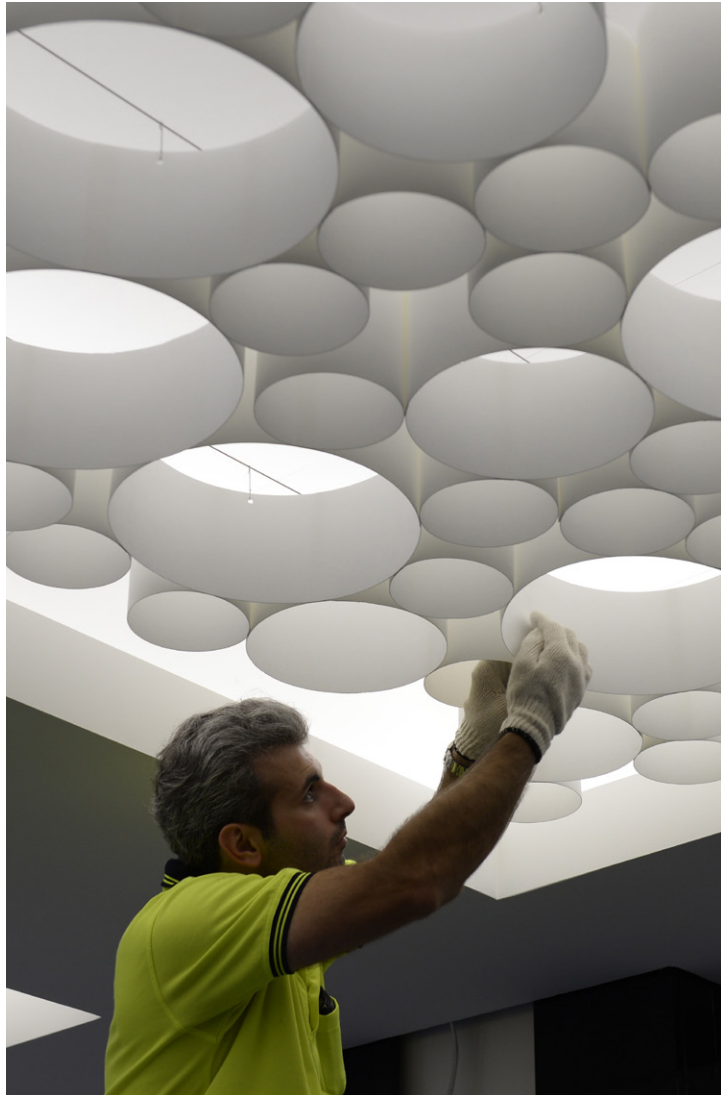
### Preparation for Ao-Gami Support Structure

1. Check walls are strong enough to resist the tension from rigging wire.
2. Using a laser, mark out the first line for the wire on wall 1. Ensure line is level.
3. Continue to mark out the points for wire install on the two opposite walls, no wider apart than 400mm between each point.
4. Make a hole at every marked point and then screw an eye screw in, leaving 20mm from the wall.
5. Cut the stainless wire at the necessary length to connect each point on opposite walls.
6. Insert the wire in the cable clamp, pass the wire through the eye hole and stop wire in the cable clamp. Grip with cable system pliers.
7. On the opposite side of the cable create an eyelet using a cable clamp and hook it to the stretch steel cable.
8. Hook the stretch steel wire on the other eye screw and tension it.
9. Repeat the above steps 4 – 7 across each of the remaining points on the wall.
10. Once finished and have strong tension with the wires you can begin to hang the Ao-Gami.



### Installation of Ao-Gami Modules

1. Start to place the Ao-Gami hooks onto each wire.
2. We recommend starting in the corner, position the Ao-Gami module to the wire where requiring install and carefully mark with pencil the top edge where the contact point is with the wire/clip. When you hang the Ao-Gami to the clips this mark should not be visible.
3. Use the hole punch paper pliers to place a hole 15mm below the pencil marking.
4. It is a good idea to mark the measure on the hole punch.
5. Hang the Ao-Gami module on the clips.
6. Continue to install the Ao-Gami modules as per layout design. If a module can't be hung as there is only one wire available, use a clip temporarily or glue the two circles in contact directly.
7. Once modules are installed you can eliminate gaps by placing individual small Ao-Gami circles in between the gaps until the ceiling looks uniform or matches the planned layout.



### Procedure to Glue Ao-Gami circles together

1. Mark the connection points with a pencil on the top edge of both circles.
2. Using a fine paint brush and PVA glue, apply a small vertical line (around 1mm width).
3. Connect the circles together and use the paper clips above and below for 5 minutes or until the glue has cured

