Installation guide
MODULO® Group 1 Aluminium

Suitable Applications for MODULO® Group 1

MODULO® Group 1 Aluminum is designed for both internal ceiling and wall applications. It is not warranted for use in external areas.

MODULO® Group 1 Aluminum is designed to be used in areas where a fire rating of Group 1 or Group 2 is required as well as in areas exposed to moisture. For all other applications, our MR MDF Group 3 may be a more suitable solution.

About MODULO® Group 1 Aluminum

- The MODULO® Group 1 Aluminum sections are designed to be screw fixed through each tongue where they intersect the furring channel or battens on the prepared ceiling.

- MODULO® Group 1 Aluminum is designed to take self drilling screws however pre-drilling may be required depending on the specific fastener.

- For MODULO® Group 1 Aluminum profile weights, please refer to the Technical data sheet available on our website when calculating load capacities found screenwood.com.au/range/modulo or contact our team for information.

Curving

Modulo Aluminum can be installed on a both internal and external curves when the radius is greater than 500mm.

For radii tighter than 500mm, we recommend clamping and creasing the profiles using the specified crease rebates on the profiles where required.

Ceiling Application

Recommended Installation Process

Follow these simple steps for ceiling installation:

1. Install furring channel at either end position where the panels are to be installed.
   If fixing furring channel directly to the ceiling or via a suspended system, ensure the variation is no greater than 3mm per metre.

2. Install the remaining furring channel at a maximum of 600mm centers.

3. Install the starter bead to the furring channel ensuring it is square.

Wall Application

Recommended Installation Process

Follow these simple steps for wall installation:

1. Ensure the prepared wall surface is true and plumb.

2. Fix top hat, furring channel or battens at the top and bottom of the wall at the heights where the panels are to be installed.

3. In addition to top and bottom furring channel, install additional furring channel parralel to the top and bottom channels at a maximum distance of 600mm.

4. If installing top and bottom aluminum trims, install the bottom trim allowing for the desired shadow line spacing (if applicable).

5. Install the starter bead to the furring channel ensuring it is plumb.

6. At the end of the run, the last panel may need to be cut at a specific width using a panel saw or track saw with an appropriate aluminum blade and safety measures in place. Flats have been designed into the extrusion for the use of high bond tapes (such as 3M VHB 4910) & silicone adhesives.

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Installation Guide

MODULO® Group 3 MR Fibreboard

Installation guide for MODULO® Group 3 Fibreboard

Suitable Applications

MODULO® Group 3 Fibreboard is a tongue and groove lining board designed for ceiling applications and wall applications in both vertical and horizontal orientations. It is not suitable for use in wet areas or for external use. For resistance to wear and UV please see our technical data sheet.

Installation Recommendations

- Screenwood recommends that MODULO® Group 3 Fibreboard should be screw fixed to timber battens or furring channel spaced at a maximum of 600mm centres (see installation diagram).

- The M2 weights are provided in the profile specification sheets and on the website. Installers must check to make sure that the framing system or battens and the structure they are fixed to is suitable for the load of the specific MODULO® Group 3 Fibreboard profile.

- An 8-gauge countersunk screw should be used for fixing, and located on the panels using the centering groove on the tongue. A polyurethane adhesive is to be applied to the batten/furring channel prior to MODULO® Group 3 Fibreboard being fitted.

   Although MODULO® Group 3 Fibreboard is manufactured from moisture resistant (MR) MDF, the end grain of MODULO® Group 3 Fibreboard cannot get wet. Section ends should be sealed in installations where accidental ingress of water or moisture may occur.
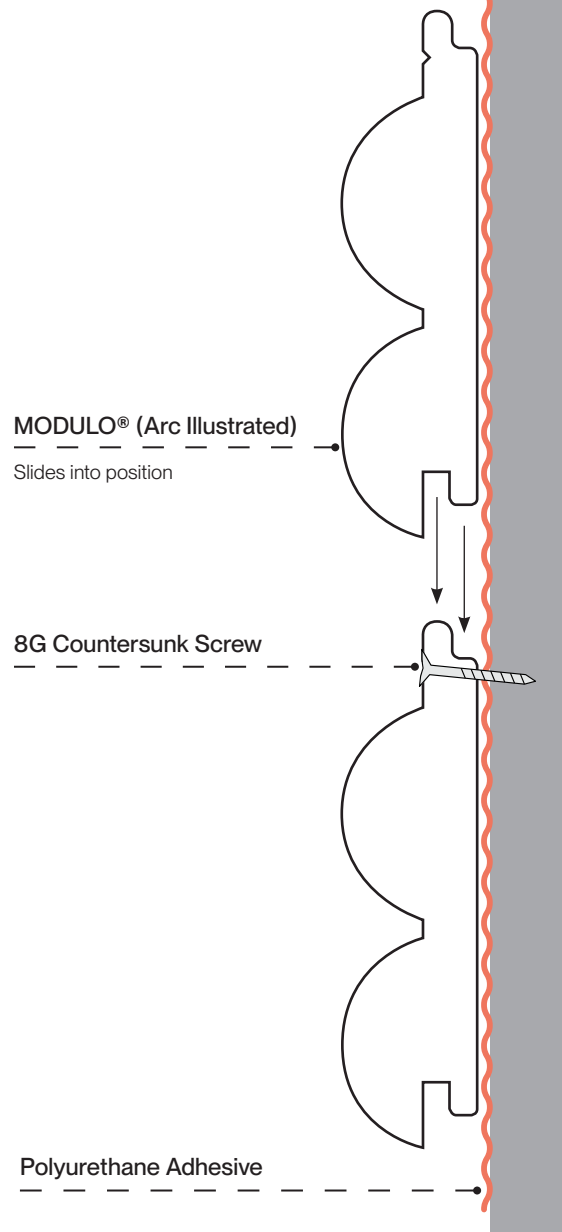
- MODULO® Group 3 Fibreboard used for walls should be kept at least 20mm above a floor surface and care must be taken when floors are being mopped/cleaned. The warranty does not cover damage from water ingress.

- MODULO® MODULO® Group 3 Fibreboard may be butt jointed where required, however alignment of the adjoining panel must be perfect for a seamless joint. Butt joints should be staggered to avoid straight unsightly join lines. If a straight joint is desired, we recommend an expressed joint of 5mm.

- Expansion joints for MODULO® Group 3 Fibreboard must be considered on all installations where the runs exceed 5.4m in either direction. Consideration of the suitability of MODULO® must be taken prior to purchase.

Cutting

- Cutting of MODULO® Group 3 Fibreboard should be done by qualified trades using a drop saw or panel saw with carbide tipped blades and can be created beautifully with the use of routers, trimmers and other joinery tools typically used when fabricating MDF.

Batten
Batten to run in the opposite direction to MODULO®

MODULO® (Arc Illustrated)
Slides into position

8G Countersunk Screw

Polyurethane Adhesive

AUSTRALIAN MADE

GREEN TAG CERTIFIED
trust brands

GLOBAL GREEN TAG HEALTH RATE
Platinum HEALTH
trust brands

MODULO® Group 3 Fibreboard finishing options

Detailing and Trims

- MODULO® Group 3 Fibreboard can be finished in a variety of ways including return mitres, rebated corners, abs edge tapes, aluminium trims, matching timber trims or sealing ends with paint.

Curves

- MODULO® Group 3 Fibreboard can accommodate curves by cutting a 3mm wide relief into the back of the panels, to a depth 1.5mm from the panel face.
- The relief cut panels can be manipulated during installation to adhere to concave or convex surfaces, keeping within the maximum radius. Profile depth and maximum radius are provided in the individual profile detailing spec sheets.

Corners

- MODULO® Group 3 Fibreboard can be mitred for a seamless corner finish with both vertical and horizontal applications.

Relief cut panels

Horizontal mitre

Vertical mitre

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