

Apollo
Systems

Service Troughs

A dedicated linear zone for lighting, HVAC, sprinklers and speakers, resolved as one architectural detail.

Design, Delivered.

Apollo Service Troughs

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From concept through to construction

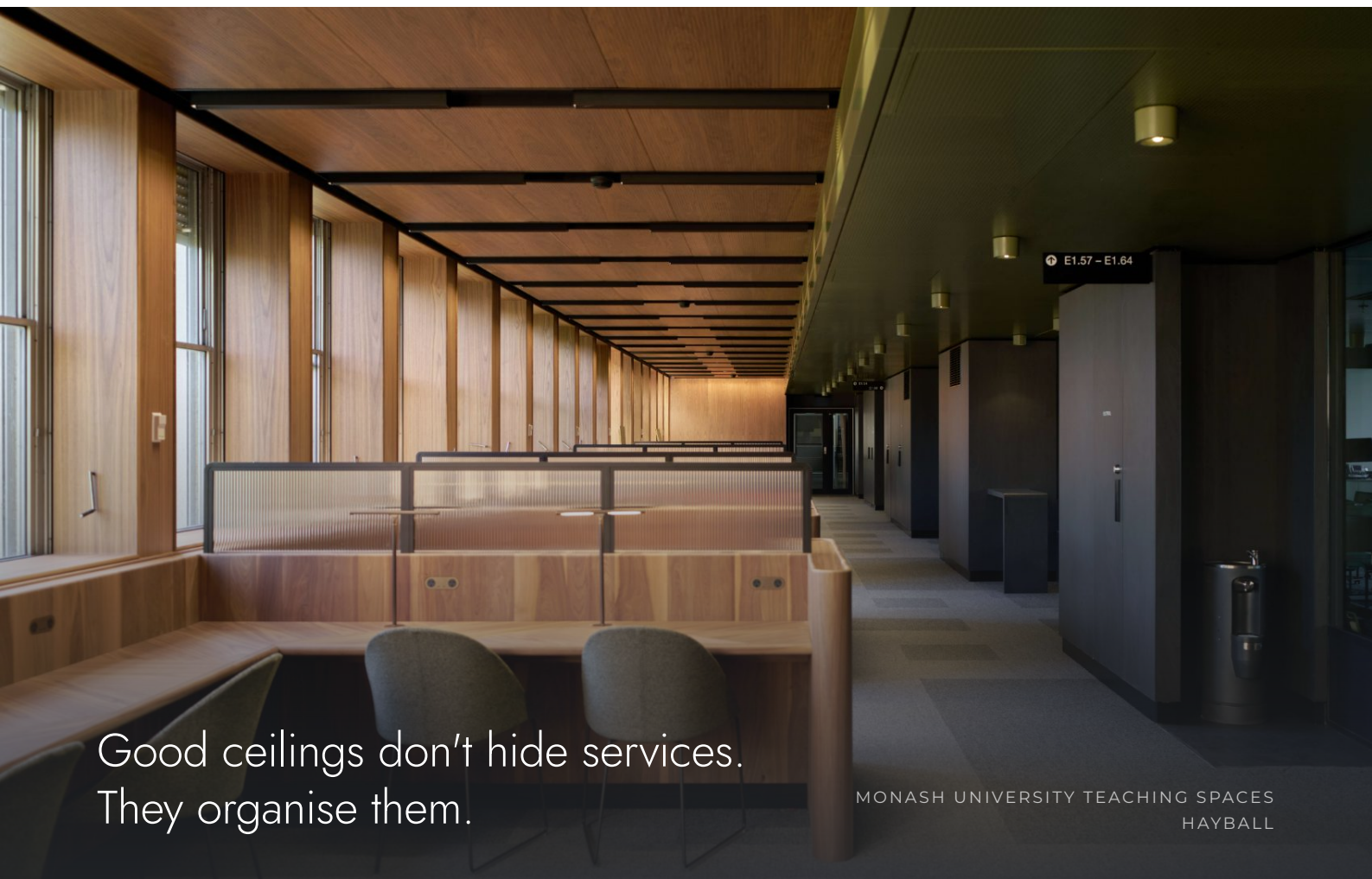
Manufactured in Australia by MBS Architectural and detailed to suit each project.



Designed to bring order to the ceiling plane

Ceilings perform best when architecture and building services are resolved together. Apollo Service Troughs create a dedicated linear zone for lighting, HVAC, sprinklers, speakers and other services, drawing them into a single recessed detail so the surrounding ceiling stays quiet.

Documentation and coordination are simpler for it. Troughs can be specified within plasterboard ceilings or integrated into the wider Apollo ceiling range, with project-specific detailing developed alongside our technical team.



Good ceilings don't hide services.
They organise them.

MONASH UNIVERSITY TEACHING SPACES
HAYBALL

DESIGNED FOR INTEGRATION WITH

Apollo Aluminium
Battens

Apollo Timber Battens

Apollo Timber Panels

Apollo Open Cell

Apollo Expanded Mesh

Apollo Metal Pan Ceilings

Apollo Wood Wool

Plasterboard Ceilings

Five reasons Apollo Service Troughs earn their place in a ceiling

01

Integrated service coordination

Multiple ceiling services are brought together within one continuous recessed detail, so the ceiling reads as a single considered plane rather than a field of penetrations.

02

Clean architectural lines

Concealed fixings and refined edge detailing keep the ceiling design as the hero. Nothing about the trough competes with the architecture around it.

03

Flexible integration

Suitable for plasterboard ceilings, or integrated within timber, aluminium, mesh, open cell and metal pan systems across the Apollo range.

04

Built for specification

Precision folded aluminium construction, custom sizing and project-specific detailing give documentation something firm to reference and simplify coordination on site.

05

Efficient installation

Lightweight sections and concealed suspension reduce installation time while holding accurate alignment along the full run.

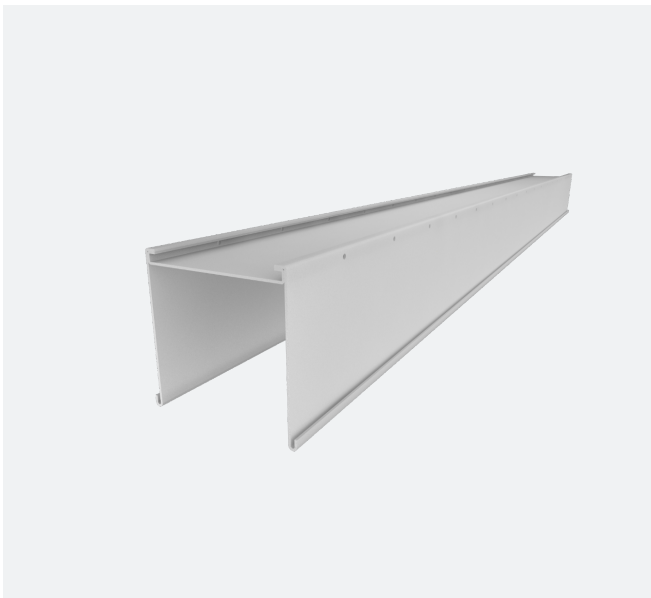


A folded aluminium zone, made for your project

Apollo Service Troughs are precision folded aluminium profiles that create a dedicated service zone within an architectural ceiling. The profile is continuous, the joints are concealed, and the finished line stays true across long runs.

Every project carries different service requirements, so each trough is made to suit the internal width, depth, ceiling construction and junction detailing while holding a consistent architectural appearance throughout.

TWO EDGE CONDITIONS, CHOSEN BY THE CEILING AROUND THEM



Flangeless trough

Creates a clean expressed shadow line between the trough and the adjacent ceiling material.

BEST SUITED TO

Linear batten ceilings

Open cell ceilings

Panel ceilings with expressed joints

Feature ceilings with visible reveals



Flanged trough

Creates a flush transition between the trough and the surrounding ceiling surface.

BEST SUITED TO

Timber panel ceilings

Wood wool ceilings

Mesh ceilings and ceiling tile systems

Continuous ceiling panels

2mm	2980mm	900mm	Group 1
STANDARD GAUGE	STANDARD LENGTH	SUSPENSION CENTRES	FIRE PERFORMANCE

SIZING

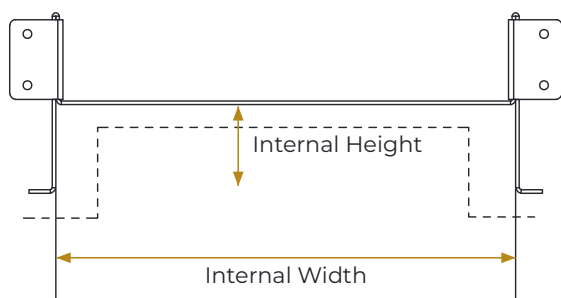
Customisable to your service requirements

All internal widths and depths are fully customisable. Specify your required internal dimensions and MBS Architectural will recommend an appropriate sheet thickness to ensure trough flatness is retained across the span.



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SECTION



Indicative section. Internal width and height are set by the services being coordinated within the zone.

SPECIFICATION

Material	Precision folded aluminium 2mm and 3mm sheet
Minimum internal dimension	50mm width and depth
Maximum internal dimension	500mm width and depth
Standard length	2,980mm

What sits inside the trough

The internal dimension is set by what the ceiling has to carry. These are the services most often coordinated within an Apollo trough zone.



Linear lighting

Continuous or segmented runs, recessed or surface mounted within the trough.



Sprinklers

Concealed or exposed heads set out along the service zone.



Slot diffusers

Supply and return air held in line with the lighting run.



Speakers

Flush speaker plates coordinated with the ceiling module.



PIR sensors

Occupancy and daylight sensing kept out of the open ceiling field.



Emergency lighting

Exit and emergency fittings integrated without breaking the line.



Detection and controls

Smoke detection, cameras and control devices grouped in one detail.

Other services

Project-specific services coordinated with our technical team.



Lighting, detection and air all held within one coordinated ceiling zone.

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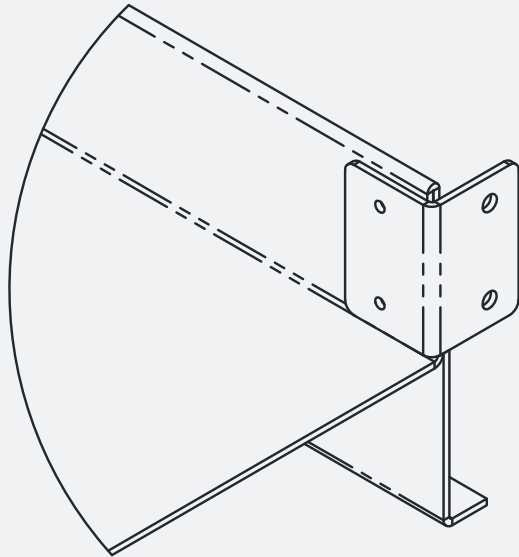
Joining, suspension and support

Three details govern how a trough goes together on site: how sections join, how the run is suspended, and how the services inside it are carried.

01

Joining

Troughs are supplied with brackets welded to the inside face at each end. These provide the installer with a point to fix concealed mechanical fasteners and achieve precise joint alignment on site.

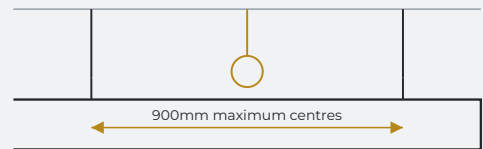


L-angle bracket for joining troughs. Bracket folded within the overall length of the trough.

02

Suspension

Each trough incorporates suspension clips mechanically fixed into each side at 900mm centres. The clip is fully concealed once the surrounding ceiling is installed.



Concealed suspension clips at 900mm centres. Services independently supported from the structure above.

03

Support centres

Maximum support interval of 900mm. Services within the trough must be independently supported — do not transfer service loads through the trough suspension.



MELBOURNE AIRPORT T2 · GRIMSHAW ARCHITECTS

Powdercoat and anodised options

Apollo Service Troughs can be finished to complement the surrounding architectural palette. Two types of finishing available.

POWDERCOAT

Specify colour and sheen level on your drawing

Available in any colour from the Dulux or Interpon powder ranges. Suitable for most commercial interior applications. Popular finishes highlighted below.



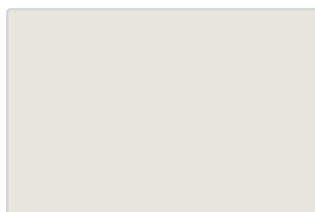
Monument

Dulux Duralloy · PMC10D46A



Basalt

Dulux Duralloy · PMC10G82A



Surfmist

Dulux Duralloy · PMC10P21A



Deep Ocean

Dulux Duralloy · PMC10B99A

ANODISING

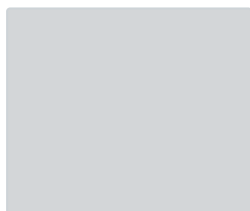
Alloy confirmed per project

Anodised finishes are available. Discuss your specification with MBS Architectural to confirm the appropriate aluminium alloy for finish consistency across the project. Popular finishes highlighted below.



Matt Natural

Clear anodised · matt



Bright Natural

Clear anodised · bright



Bright Champagne

Champagne · bright



Matt Bronze

Bronze · matt



Matt Black

Black · matt

Colours shown are screen representations only and are not a substitute for a physical sample. Confirm all selections against a physical powdercoat chip or anodised sample before specification.

Group 1

Fire performance

Group 1 fire rating in accordance with AS 5637.1-2015 Section 9(n).

10 Year

Product warranty

Backed by a 10 Year Product Warranty, so the system can be specified with confidence.

From concept through to construction

Our technical team works alongside architects, designers and contractors to develop service trough solutions that sit comfortably within the wider ceiling design.

SUPPORT INCLUDES

Project-specific detailing

Service coordination

Shop drawings

Suspension design

Custom profile development

Fabrication support

Installation guidance

Typical details for ordering are available for both flanged and flangeless profiles. Speak with us early and we will detail the trough around your services.





Designed for architecture. Supported by technical expertise.

Apollo Service Troughs turn necessary building services into a coordinated architectural feature: cleaner ceilings, simpler coordination and a more considered built outcome.

CEILING & WALL SYSTEMS

Design, Delivered.

Talk to us early. We work alongside architects, designers and contractors to develop coordinated service trough details that simplify documentation, streamline installation and preserve the architectural intent.

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