metapan p™ - series

LAY-IN METAL CEILING SYSTEM

TECHNICAL DATA SHEET BPIR - CLASS 1

Acoustic Ceiling and Wall Solutions

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Technical Data Sheet - BPIR Class 1

MetaPan P™ metal ceiling tiles are designed to lay into standard Rondo Donn® DX 24mm faced and Donn DC 15mm faced exposed grid. Panels are available perforated with acoustic tissue backing or non-perforated options. Acoustic inserts are available for higher performance. Available edge depths 10mm, 15mm, 20mm and 30mm (Fig. A) which can create different visual effects.

Application

MetaPan P™ is ideal for commercial buildings, transportation and healthcare facilities that require a long life, easy clean robust accessible acoustical ceiling.

Tile #	Size	Edge Type	Grid Type
MPP1-575	575 x 575 mm	Rebated	DONN DX
MPP1-585	585 x 585 mm	Rebated	DONN DC
MPP1-595	595 x 595 mm	Square	DONN DX & DC

Composition

Manufactured from aluminium sheet, perforated, press formed and powder coated. Additional absorber material can be added to meet acoustical requirements, please consult with Asona's technical sales team.

Fig A. Rebate depth options

Features & Benefits

- Durable long life system.
- Washable powder coated finish.
- Easy access for maintenance.
- 1-S Fire Group rating. (ISO A1) Non combustible.
- Available in white, colours or woodprint finishes.
- Wide range of acoustic perforations.
- Preformed cut outs for easy service integration.
- Variable acoustic backing options.
- MPP1-575 uses standard Rondo DONN DX 24mm grid
- MPP1-585 uses standard Rondo DONN DC 15mm grid
- MPP1-595 uses either Rondo DONN DX or DC grid

ISO 9001:2015 Registered Firm No. NZ1014
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*All dimensions are nominal. We reserve the right to change specifications.
Ref. MetaPan P-Series-26.08

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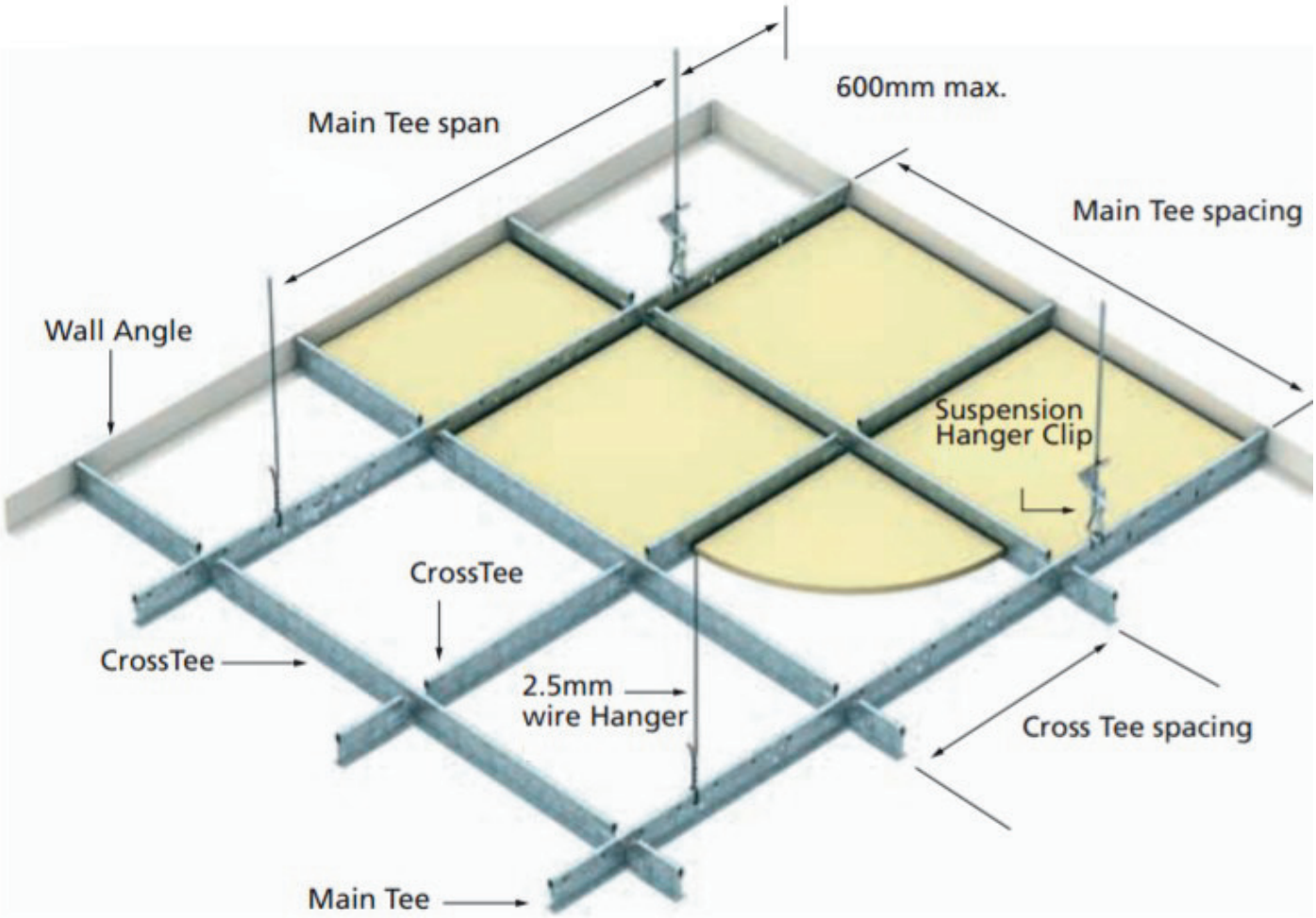
Manufacturer: Manufactured for Asona. OEM manufacturer details are available on confidential application basis. Consult Asona

asona



Accessibility:
All panels are removable and accessible, unless clipped for wind.

Colour:
White, black, woodprint, custom.

Light Reflectance Value:
>75% White.

Limitations:
- For interior use only, and not in direct contact with water.
- Maximum humidity/temperature 95% R/H at 45°C.
- Back loading max. distributed load 1.0kg/m², point loads to be independently supported.

Maintenance:
Clean with damp soapy cloth, rinse with clean water and use chamois for streak free finish.

NZ Building Act:
This product is not subject to a warning or ban under Section 26.

NZ Building Code Compliance:
- B2 Durability – Clause B2.3.1 (c) (i): Asona MetaPan P with only normal maintenance will have a minimum durability of at least 5 years when installed in accordance with; manufacturer's installation requirements and AS/NZS 2785:2020.
- C3 Fire – Clause C/AS2 4.12.1: Asona MetaPan P has a Fire Material Group Number 1-S by NZBC Building Product Specification Part 8.5.3.1 a), based on classification from BS EN 13501-1:2018.

Warranty:
15 year limited warranty against manufacturing defects.

Weight: (Indicative—subject to depth and perforation type)
20mm—3.7/3.8 kg/m²; 30mm—4.1/4.2 kg/m² (perf/non-perf)

Item #	Parts Name
DX1	24mm Main Tee (3.6m)
DX2	24mm Cross Tee (1.2m)
DX4	24mm Cross Tee (0.6m)
DC1	15mm Main Tee (3.6m)
DC2	15mm Cross Tee (1.2m)
DC2S-600	15mm Cross Tee (0.6m)
DXCL	Suspension hanger clip

Installation:
Shall not commence until the building is watertight and dry. This product is designed to be mounted into a Rondo Donn® two-way exposed grid system and installed to manufacturer's and AS/NZS 2785:2020 Standard's requirements. Seismic design may require a suitably qualified engineer. Care shall be taken when handling tiles to avoid damage.

Specification:
Ceiling shall be MetaPan P™ metal ceiling system by Asona Ltd, tel: 09 525 6575, info@asona.co.nz. Model # (_), size (_) x (_)mm, colour (_) edge depth (_)mm, Suspension shall be Rondo Donn (DX1) (DC1) exposed grid. (Asona ceiling Masterspec 5311AS specification available).

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