

# metapan $\rho$ <sup>TM</sup> - series

LAY-IN METAL CEILING SYSTEM



TECHNICAL DATA SHEET    BPIR - CLASS 1



# metapan p™ - series

## Lay-in Metal Ceiling System

### 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.

#### 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.

#### 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 DX 24mm grid
- MPP1-585 uses standard Rondo DC 15mm grid
- MPP1-595 uses either Rondo DX or DC grid



Tile #	Tile Dimension (nominal)
MPP1-575	575 x 575 mm (rebate for DX grid)
MPP1-585	585 x 585 mm
MPP1-595	595 x 595 mm (Square)

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

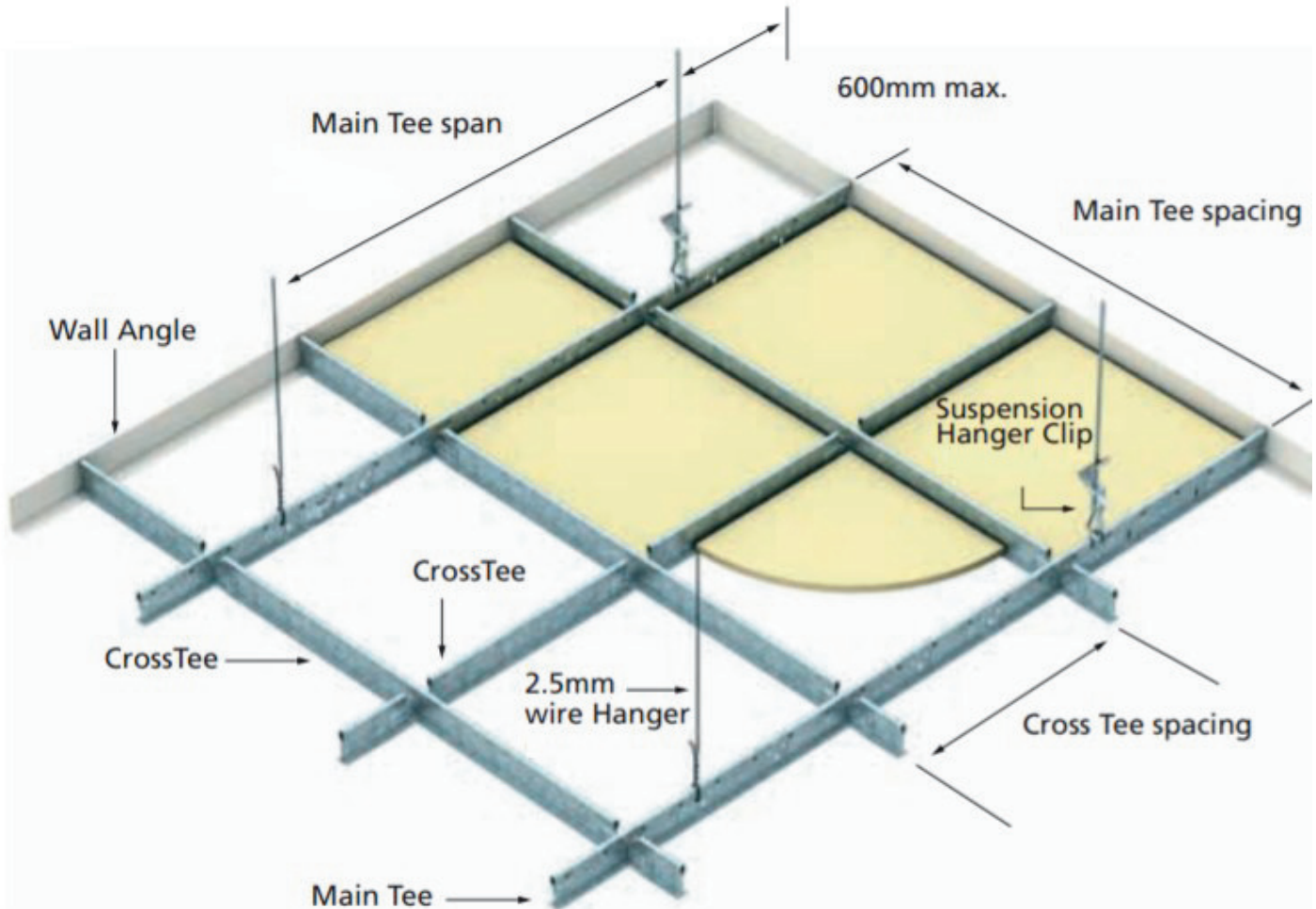


Fig A. Rebate depth options

**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/m<sup>2</sup>, 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 3.4(a): Asona MetaPan P has a Fire Material Group Number 1-S (A2-s1) by MBIE Building Performance Surface Finishes Standards Comparison 2938, 01 March 2015, in accordance with EN 13501-1:2002.

**Warranty:**

15 year limited warranty against manufacturing defects.

Weight: (Indicative—subject to depth and perforation type)

20mm—3.7/3.8 kg/m<sup>2</sup>; 30mm—4.1/4.2 kg/m<sup>2</sup> (perf/non-perf)

**Installation:**

Shall not commence until the building is watertight and dry. This product is designed to be mounted into a 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).