

# metapan c<sup>TM</sup> - series 4000

OPEN CELL METAL CEILING SYSTEM



TECHNICAL DATA SHEET    BPIR - CLASS 1



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## Open Cell Metal Ceiling System

### Technical Data Sheet - BPIR Class 1

MetaPan C™- series 4000 ceiling system applies an open cell ceiling design. Each 600 x 600 mm panel is an assembly of interlinked folded alloy profiles that interconnect and lay into main and cross tee support sections on site.

Panels may be demounted for access to plenum services.

#### Application

MetaPan C™ 4000 is ideal for open office, retail, commercial interiors, transport facilities etc that require a long life open cell ceiling. It is also ideal for security applications due the open areas between the cell elements. Not for exteriors.

#### Composition

Manufactured from aluminium alloy strips, press formed, polyester powder coated. Additional absorber material can be added behind to meet acoustical requirements, please consult Asona's technical sales team.

#### Features & Benefits

- Modern contemporary aesthetic.
- High open area allows for sprinklers to be mounted in the plenum to reduce visual clutter. Permits visual inspection of plenum void for security sensitive spaces.
- Durable long life coated aluminium.
- A range of cell open area options.
- Assembled cell panels simply drop into MetaPan C 4000 exposed grid system.
- Available in white.
- Non-combustible metal construction.
- Fire Group Rating 1-S.
- Accessible for maintenance.
- Available to indent only, MoQs apply.

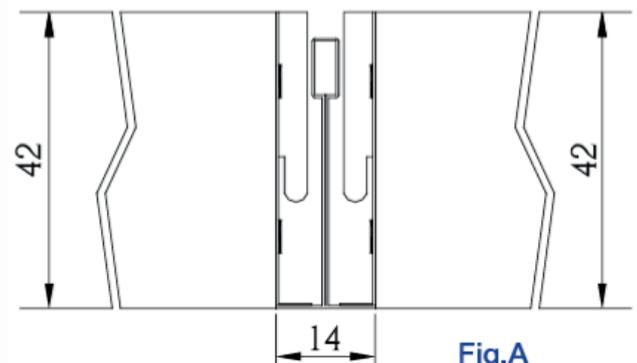


#### Technical Specifications

Model #	Cell Dimension*
MPC4000-50	50 x 50 mm
MPC4000-75	75 x 75 mm
MPC4000-100	100 x 100 mm
MPC4000-150	150 x 150 mm
MPC4000-200	200 x 200 mm

\*Centre to centre of blades. Cell hole is 15mm less.

#### The height of the Cell element



ISO 9001:2015 Registered Firm No. NZ1014

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\*All dimensions are nominal. We reserve the right to change specifications.

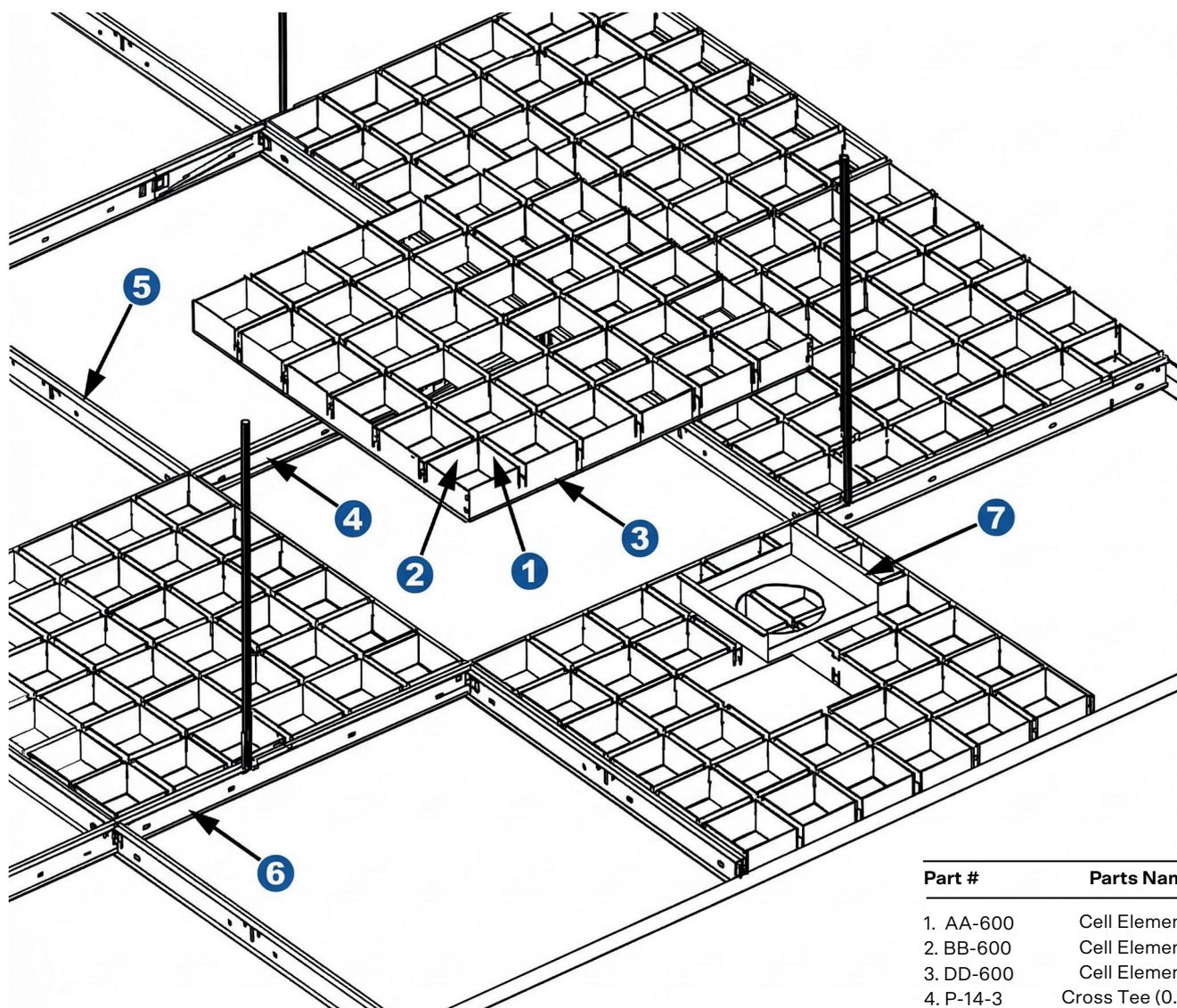
Ref. MetaPan C 4000-Series-26.03

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

**asona**



Part #	Parts Name
1. AA-600	Cell Element
2. BB-600	Cell Element
3. DD-600	Cell Element
4. P-14-3	Cross Tee (0.6m)
5. P-14-2	Cross Tee (1.2m)
6. P-14-1	Main Tee (3.0m)
7. CLT	Light Adapter

**Technical Specifications**

**Maintenance:**

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

**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 max 0.5 kg or to be independently supported.

**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 C 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 C 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.

MetaPan C 4000 panels are constructed by cell element parts ①, ② & ③. Assembled panels fit into Tees ④ ⑤ & ⑥. (see diagram below). The suspension of this system is hung by 2.5 wire to the main tees on the ceiling. Optional Light Box ⑦ is used to fit between cells to hold lights larger than the individual cells.

**Warranty:**

15 year limited warranty against manufacturing defects.

**Installation:**

Shall not commence until the building is watertight and dry. This product is designed to be mounted into the MetaPan C 4000 two-way exposed grid system and to be 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 cell elements to avoid damage.

**Specification:**

Ceiling shall be MetaPan C™ 4000 open cell metal ceiling system by Asona Ltd, tel: 09 525 6575, info@asona.co.nz. Model # MPC4000-(\_), size (\_) x (\_)mm, cell height 42mm, white. Fire Group 1-S. (Asona ceiling Masterspec 5164AM specification available).