

rondo donn[®] dxw

WIDE FACED CEILING SUSPENSION SYSTEM



TECHNICAL DATA SHEET - BPIR CLASS 1



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DONN® DXW is a 38mm wide faced exposed grid suspension system manufactured by Rondo in New Zealand exclusively for Asona Limited to support a range of Asona specialist acoustical ceiling panels.



Application

DONN® DXW is ideal for interior general use areas, both for function or feature design, such as high bay areas and large module ceilings. It is used primarily with specialist Asona acoustical ceiling panels requiring a wide faced grid for support (eg Triton Sports 40). Due to the combinations of the DXW wide faced grid and ceiling panel types used, it is recommended specialist professionals be used for compliant seismic design.

Composition

Manufactured from HDG steel with pre-finished white capping, with QRC high tensile steel seismic Cross Tee clips.

Features & Benefits

- 38mm wide face provides superior support for large module and sports panels.
- Integrates with all other Rondo DONN® components, including Rondo Xpress® drywall grid where acoustical ceiling tile to plasterboard ceilings are designed.
- Module sizes: 600 x 600mm, 600 x 1200mm, 1200 x 1200mm, 600 x 2400mm.
- Manufactured in NZ and integrates with all other Rondo & Gridlok® seismic components to meet NZBC seismic compliance.

Technical Specifications:

Item #	Product	Size h x w x l (nominal)
GR.DX1W3600	Main Tee	38 x 38 x 3600mm
GR.DX2W1200	Cross tee	38 x 38 x 1200mm
GR.DX2W600	Cross tee	38 x 38 x 600mm

Colour Finishes:

White.

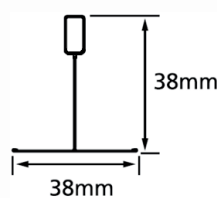
Limitations:

- For interior use only, and not in direct contact with water or pool environments.
- Maximum humidity/temperature 99% R/H at 45°C.
- Non-trafficable and non-fire rated.

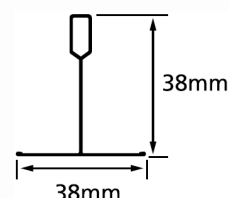
Maintenance:

- Cleaning—remove ceiling panels (where possible), then clean grid face with a non-solvent based cleaner.
- Painting—repainting of grid system faces should be with a high quality solvent-based paint for use over metal surfaces as recommended by the paint manufacturer.

DONN® DXW Main Tee



DONN® DXW Cross Tees



NZ Building Act

This product is not subject to a warning or ban under Section 26.

NZ Building Code Compliance:

- B1 Structure—Clauses B1.3.1, B1.3.2, B1.3.3 (a), (b), (c), (f), (l), (m) and B1.3.4 (a), (b), (d). DXW grid members and connections are designed in accordance with AS/NZS 4600:2018 Cold-formed steel structures to resist the vertical and horizontal design actions assessed for the relevant load combinations nominated in AS/NZS 1170.0:2002 Structural Design Actions—Part 0: General Principles.
- B2 Durability – Clause B2.3.1 (b) (i): DXW grid members with only normal maintenance will have a minimum durability of at least 15 years when installed in accordance with; manufacturer's installation requirements and AS/NZS 2785:2020.

Warranty:

15 year limited warranty against manufacturing defects, extendable to 30 years when used with Asona acoustical ceiling panels.

Weight:

1.15 kg/m² for 1200 x 600 module
0.75 kg/m² for 1200 x 1200 module
0.87 kg/m² for 2400 x 600 module

Installation:

Shall not commence until the building is water tight and dry. Follow industry standard installation methods for two way exposed grid ceiling systems and installed to AS/NZS 2785:2020, NZS1170.5 Standards and manufacturer's requirements. Seismic design may require a suitably qualified engineer.

Specification:

Ceiling suspension system shall be Rondo DONN® DXW two way exposed grid as supplied by Asona Ltd: 09 525 6575, info@asona.co.nz. module (600 x 600mm) (600 x 1200mm) (1200 x 1200mm) (600 x 2400mm), colour white. Contractor shall register the ceiling with Asona. (Asona ceiling Masterspec 5311AS specification available).

