



## Perforated Plasterboard Ceiling Tile

### Technical Data sheet

ASONA

#### Description.

Belgravia 600™ is a perforated plasterboard ceiling tile with machine routed edge detail to suit T24 or T15 exposed grid systems. Panels are pre finished white with acoustic tissue backer. Provides an attractive perforated texture to ceilings Available in Micro 3 x 3 mm, Quadril 12 x 12 mm and Globe 6 mm Ø perforations or non perforated Regula. Quadril Q1 and Micro M1 600 x 600 mm panels in stock NZ

#### Application.

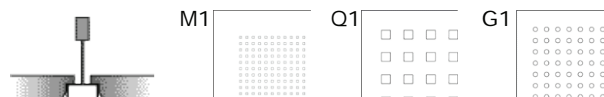
Belgravia 600 is ideal for general suspended accessible ceilings in offices, civic, retail, education, hospitality etc.

#### Composition.

Panels manufactured from reinforced plasterboard with latex paint finish, machine formed edge with acoustic tissue backer.

#### Benefits.

- 3 x perforation designs and 1 x plain panel option.
- Excellent sound absorption at important 250– 2000 Hz speech frequencies for comfort and communication.
- Machined reveal edge detail
- Durable fire resistant gypsum composition for long life
- Non mineral fibre based acoustic ceiling solution for a healthy comfortable indoor environment.



### Technical Specifications

Perforation	% area	Size (nominal)
Micro 3 x 3 mm @ 8.33 mm O.C, 30 mm border	10.2%	600 x 600 x 13mm
Quadril 12x12mm @ 30 mm o.c, 37 mm border	13.0 %	600 x 600 x 13mm
Globe 6 mm ø @ 15 mm o.c, 30 mm border	10.2 %	600 x 600 x 13mm
Regula non perforated.	0%	600 x 600 x 13mm

#### Sound Absorption Rating:

αW 0.65; Class C; NRC 0.65 per ASTM C423, ISO 354 E-200

	Hz	125	250	500	1000	2000	4000
Micro M1	αp	0.35	0.65	0.75	0.65	0.60	0.55
Quadril Q1	αp	0.35	0.65	0.75	0.65	0.60	0.45
Globe G1	αp	0.45	0.65	0.80	0.65	0.55	0.45
Regula R1	αp	0.40	0.20	0.10	0.05	0.05	0.00

#### Accessibility:

All panels are downward demountable for access to plenum.

#### Back loading:

Light fixture and other loads shall be independently supported.

#### Colour:

Low gloss white. Others to order

#### Fire Reaction:

AS1530 pt 3.

Smoke developed 4, spread of flame 0.

#### Installed Conditions:

Max 90% R/H at 30°C. .

#### Light reflectance:

ASTM C1477 LR-1, >75%

#### Limitation:

Not for use with negative air return plenums, in direct contact with water or in extreme humidity conditions.

#### Maintenance:

Clean with vacuum, soft brush or damp cloth.

#### NZ Building Code:

Clause B2—durability, 5 years

#### Weight:

Perforated: 8.4 kg/m<sup>2</sup>, plain regula: 9.4 kg/m<sup>2</sup>

#### Installation:

Shall not commence until the building is water tight and dry. Light fittings shall be independently supported, use hold down clips in seismic areas.

#### Specification:

Ceiling system shall be Danoline Belgravia 600 perforated gypsum acoustical ceiling supplied by Asona Ltd, tel: 09 525 6575, fax: 09 525 6579, perforation pattern (M1 3 x 3 mm) (Q1 12 x 12 mm) (G1 6 mm diameter) (Regula non perforated) sound absorption αW 0.65, NRC 0.65, colour white, suspension from 24 x 38 mm exposed grid, 600 x 600mm module, hangers at 1200 mm centres, shadow-line wall trim, 2 x hold down clips per panel in seismic prone areas.

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