

TM

# ultratone

PERFORATED GIB® PLASTERBOARD ACOUSTIC PANELS



TECHNICAL DATA SHEET BPIR - CLASS 1



## Perforated GIB® Plasterboard Acoustic Panels

### Technical Data Sheet - BPIR Class 1

Asona Ultratone™ is a perforated GIB® plasterboard panel designed for acoustic ceilings and wall linings. Made in NZ, Ultratone™ is manufactured in a range of perforation patterns and open areas to meet acoustic and aesthetic requirements. Panels are screw fixed and flush stopped to level 4 and painted on site for a monolithic appearance. SlimSet 50™ and SlimSet 60™ Access Hatches available where maintenance for plenum services is required.

#### Application

Asona Ultratone™ is a durable perforated acoustic lining for control of unwanted noise reverberation in residential and commercial construction; open plan living and office spaces, meeting rooms, receptions, hallways, hotels, healthcare, retirement facilities, auditoria, libraries, halls, malls etc.

#### Composition

Panels are manufactured in NZ from GIB® plasterboard with a white acoustic tissue backing.

#### Features & Benefits

- Excellent acoustic performance to absorb and diffuse unwanted noise for greater comfort. NRC 0.55-0.80, CAC 30-44 with Asona Triton acoustic tile backer.
- Durable long lasting plasterboard finish that is easy to repaint without reduction in acoustic performance.
- Fire safe, Group 1-S rating.
- Made in NZ for short lead times and low carbon km's.
- Economical.
- Available in a wide range of perforations patterns
- 8, 12 or 15mm Ø perforations for a classic look.
- 12 x 12 mm square perforation.
- Alternating 12 and 20mm Ø perforations.
- Random 8, 15, and 20 mm Ø perforations.
- All panels come with clear borders for ease of installation and finishing with stronger crack resistant joins.
- Standard 1200 x 2400 mm sheets. Others up to 3.0m to order.
- Integrates with regular non-perforated 13mm GIB®.
- Global GreenTag Level A
- Standard 600 x 600 mm and 500 x 500mm SlimSet™ integrated access hatches.



Toyota Showroom - Pukekohe

#### Technical Specifications:

##### Practical Sound Absorption Coefficients:

ISO 354 E-200, Test reports T2227-1 to 24, W1L1 Cluster

ITEM	Open Area*	NRC	125 Hz	250 Hz	500 Hz	1K Hz	2K Hz	4K Hz
<b>8/18</b>	15.4	0.65	0.45	0.80	0.80	0.55	0.45	0.40
<b>12/25</b>	18.4	0.65	0.45	0.75	0.80	0.55	0.45	0.40
<b>15/30</b>	20.0	0.60	0.40	0.75	0.75	0.50	0.40	0.40
<b>12-20/66</b>	19.2	0.60	0.45	0.75	0.80	0.50	0.40	0.35
<b>8-15-20R</b>	7.3	0.45	0.55	0.65	0.60	0.35	0.25	0.20
<b>SQ12/30</b>	16.4	0.60	0.45	0.75	0.75	0.50	0.40	0.40

##### Practical Sound Absorption Coefficients:

ISO 354 E-200, Test reports T2227-10 to 15, W1L1 Cluster with Triton 50 acoustic tile backer (or Triton Sonaboard 50)

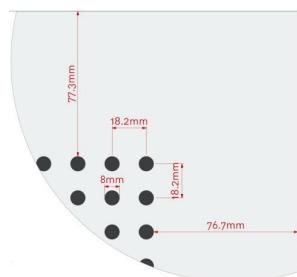
ITEM	Open Area*	NRC	125 Hz	250 Hz	500 Hz	1K Hz	2K Hz	4K Hz
<b>8/18</b>	15.4	0.80	0.75	0.95	0.85	0.75	0.55	0.45
<b>12/25</b>	18.4	0.80	0.75	0.90	0.85	0.80	0.60	0.55
<b>15/30</b>	20.0	0.80	0.75	0.95	0.85	0.75	0.60	0.55
<b>12-20/66</b>	19.2	0.80	0.75	0.95	0.85	0.75	0.60	0.55
<b>8-15-20R</b>	7.3	0.50	0.70	0.70	0.55	0.40	0.30	0.25
<b>SQ12/30</b>	16.4	0.75	0.70	0.90	0.80	0.70	0.55	0.50

\* Approximate value, excludes borders and non-perforated areas.

## Technical Specifications

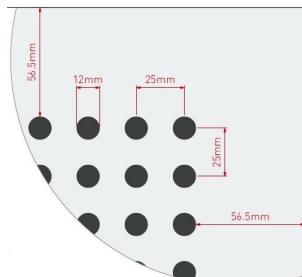
### Perforation Patterns

Item 8/18



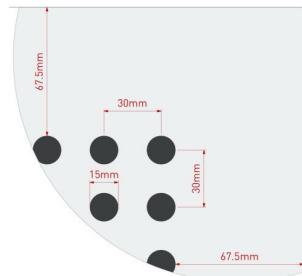
8mm Ø @ 18mm ctrs

Item 12/25



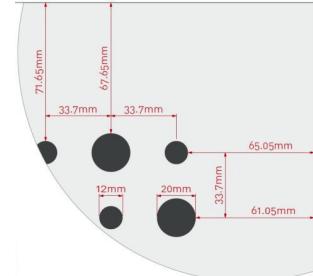
12mm Ø @ 25mm ctrs

Item 15/30



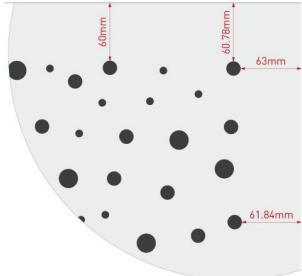
15mm Ø @ 30mm ctrs

Item 12-20/66



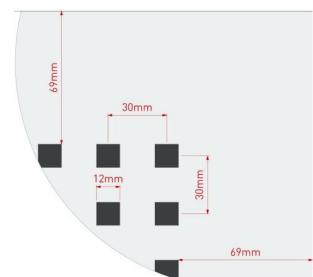
12+20mm Ø @ 66mm ctrs

Item 8-15-20R



8+15+20mm Ø Random

Item SQ12/30



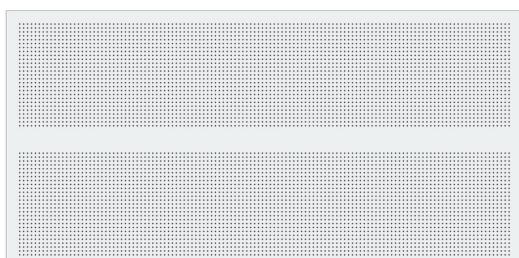
12mm SQ @ 30mm ctrs

### Perforation Clusters—1200 x 2400mm sheet

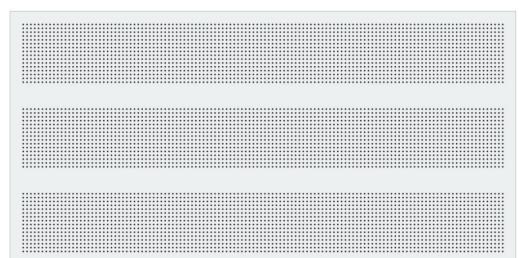
W1L1—width 1, length 1



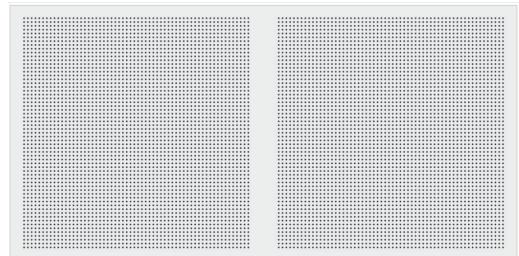
W2L1—width 2, length 1



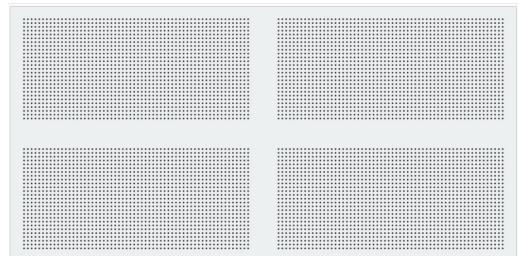
W3L1—width 3, length 1



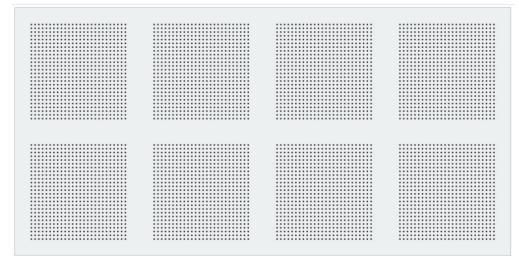
W1L2—width 1, length 2



W2L2—width 2, length 2



W2L4 -width 2, length 4



### Perforation Type and Cluster: (MOQ applies)

ITEM	W1L1	W2L1	W3L1	W1L2	W2L2	W2L4
8/18	✓	✓	✓	✓	✓	✓
12/25	✓	✓	✓	✓	✓	✓
15/30	✓	✓	✓	✓	✓	✓
12-20/66	✓					
8-15-20R	✓					
SQ12/30	✓	✓	✓	✓	✓	✓

ISO 9001:2015 Registered Firm No. NZ1014

© 2026 Copyright ASONA Ltd Triton, Ultratone and SlimSet are trademarks of ASONA. Key-Lock and Xpress are trademarks of Rondo Building Services Pty Ltd. GIB is a registered trademark of Fletcher Building Holdings Ltd. All dimensions are nominal. We reserve the right to change specifications without notice. Ref. Ultratone-26.02

ASONA Ltd. Office & Factory  
6 Mahunga Drive, Māngere  
Bridge, Auckland 2022  
New Zealand  
NZBN: 9429036035175

New Zealand  
T: +64(0)9 525 6575  
E: info@asona.co.nz  
W: www.asona.co.nz

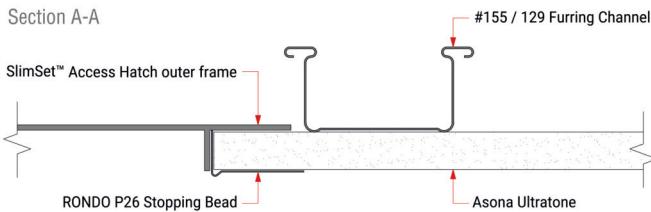
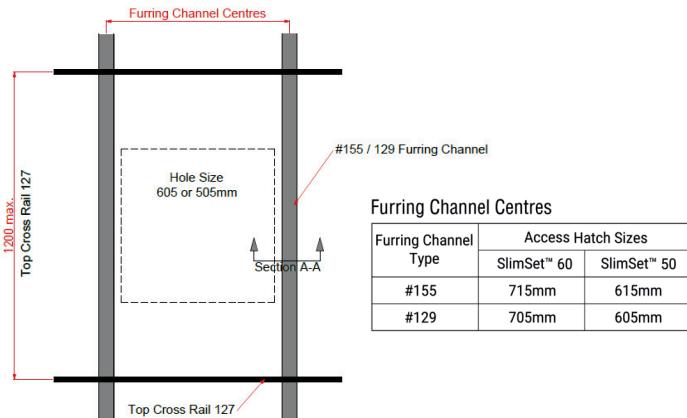
Australia  
T: 1 800 240361  
E: info@asona.com.au  
W: www.asona.com.au

**asona**

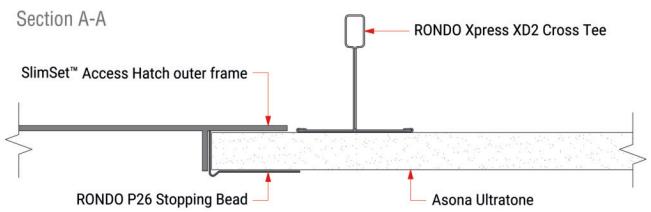
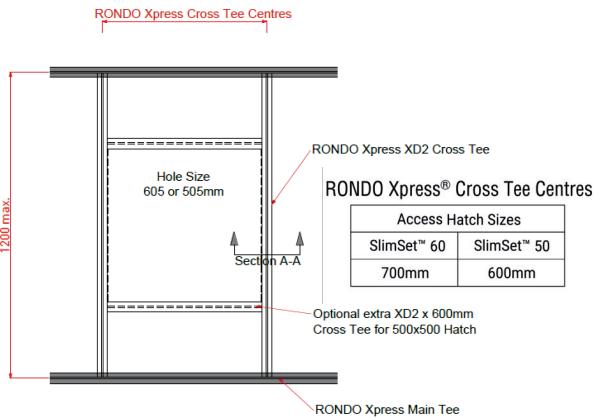


## SlimSet™ Access Hatch Installation

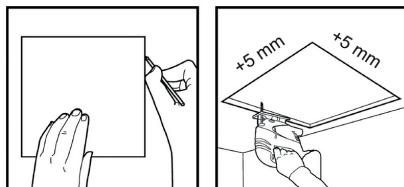
Rondo Key-Lock® suspension layout



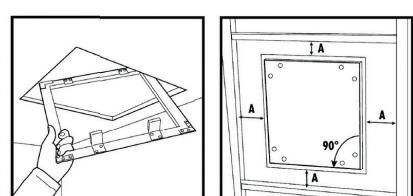
Rondo Xpress® suspension layout



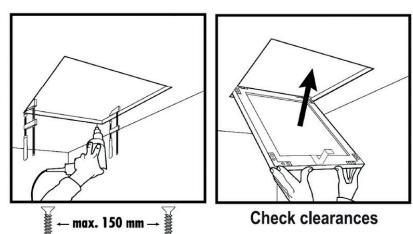
### Hatch cut-out and installation



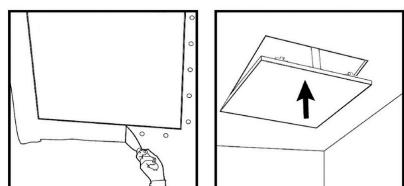
Locate position of hatch between suspension framing. Cut hole 5mm larger than hatch size, ie 605mm or 505mm. For a tidy edge use a Rondo P26 stopping bead (or similar).



Ensure the back of the Ultratone is debris free. Remove the lid from the hatch and feed the outer frame diagonally through the opening, ensuring the hatch is orientated in the right direction for the lid to open.



Temporarily clamp the frame and screw fix through the Ultratone to the external flange on all four sides, Screws max at 150mm centres. Remove the clamps.



Plaster around the exterior of the frame. If suitable, use the hole cut-out piece for the lid. Attach and plaster if required. Reinstall the lid into the outer frame.

### Installation:

Shall not commence until the building is water tight and dry. Install Rondo #127 TCR (top cross rail) at 1200mm centres, rigid hangers at 1200mm centres, Rondo #155 48mm furring channel at 600mm centres with Rondo #159 Joiner Clip. Alternative suspension is Rondo Xpress Drywall Grid, main tees at 1200mm centres, hangers at 1200mm centres, cross tees at 600mm centres with optional Triton acoustic tile backer. Screw fix panels with 25mm bugle head gypsum screws at 200mm c/c along edges and 300mm c/c elsewhere, support short end with furring/cross tee to secure the join. A low tack, thin washi masking tape can be used to mask perforations during stopping to minimise filling of the perforations. Fill joins with a 3 coat system and paper reinforcing tape. Take care not to fill perforations, and remove immediately any compound from holes. Expansion joints at 12m maximum. Paint with fine nap roller. Refer full Installation Manual.

**Do not spray paint.**

### Specification:

Ceiling/wall lining shall be Asona Ultratone™ perforated GIB® plasterboard acoustical panel as manufactured by Asona Ltd, Tel: 09 525 6575, info@asona.co.nz. Size 13 x 1200 x 2400mm, Item (8/18) (12/25)(15/30)(12-20/66) (8-15-20 random), (SQ12/30), Perforation Cluster (W\_L\_), perforated and laminated with white acoustic tissue backing, panels shall be screw fixed with 25mm bugle head gypsum screws at 200mm c/c along edges and 300mm c/c elsewhere to (Rondo Key-Lock #155 furring) (Rondo Xpress) at max. 600 mm c/c. Install Triton (50)(50HD)(Duo 60)(Sonaboard 50) acoustic tile backer into Rondo Xpress suspension. Short ends supported, expansion joins at max 12m centres. Install SlimSet™ (60)(50) Access Hatch. Plaster joins to 'Level 4' and paint with fine nap roller. (Asona ceiling Masterspec 5113AP specification available).

