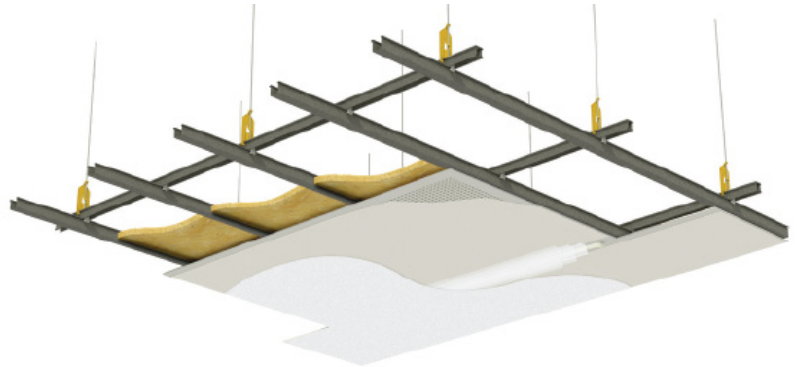
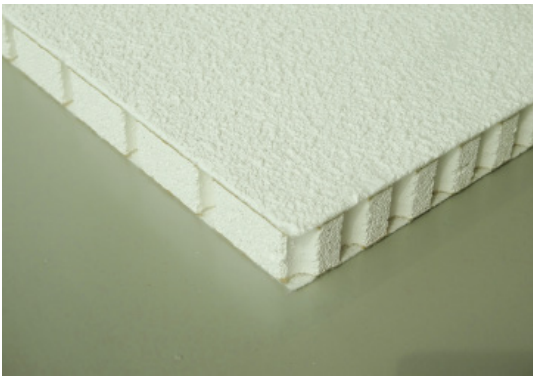


Ceilings

# ENSEMBLE™ MONOLITHIC ACOUSTICAL CEILING SYSTEM



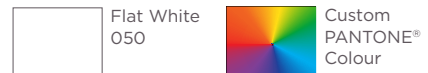
**Features and Benefits**

Seamless plasterboard look with true acoustical performance.

- Non-directional, monolithic appearance with fine texture, available in standard white and custom PANTONE® colours\*
- Highly engineered USG Boral Ensemble™ Ceiling Panels to optimise sound performance
- Installs and finishes similar to traditional plasterboard
- Up to NRC 0.80,  $\alpha^w$  0.80, CAC 50
- High light-reflective finish (LR-0.85) reducing fixture and energy use
- Acoustically transparent spray-applied finish
- Up to 50% lower installed cost versus acoustical plaster systems

**Board Specification**

Feature	Description
Thickness	13mm (Including veils)
Patterns	12.0mm round hole
Edge Profile	Recessed edge
Sheet Size	1200 x 3000mm
Paper Colour	Ivory paper (front)
Veil Colour	White veil (front and back)
Open Area	20%
Mass	6.8Kg/m <sup>2</sup> (Note: perforated and laminated)
Fire Hazard Properties	Group 1 - Australia, Group 1s - New Zealand (AS/NZS3837)
VOC	Less than 0.5mg/m <sup>3</sup> TVOC



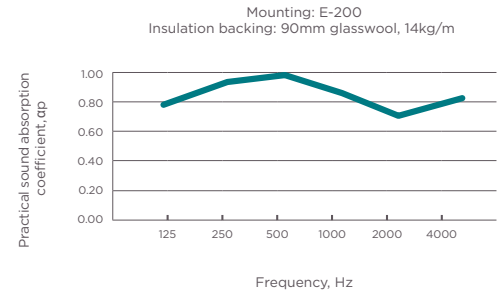
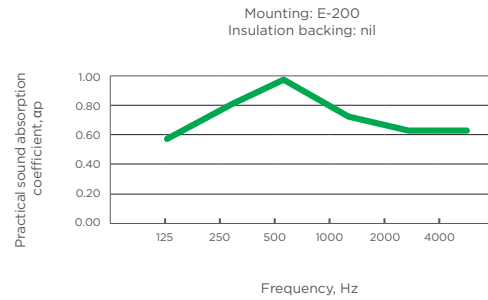
**Applications**

- Reception areas
- Lobbies
- Conference rooms
- Restaurant dining areas
- Museums
- Galleries
- Spaces with multiple hard surfaces
- Courtrooms
- Offices
- Classrooms/higher education
- Libraries
- Healthcare offices and lobbies
- Retail
- Atrium

**Performance Data**

Sound absorption performance ratings

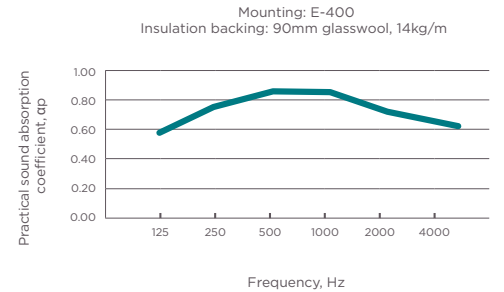
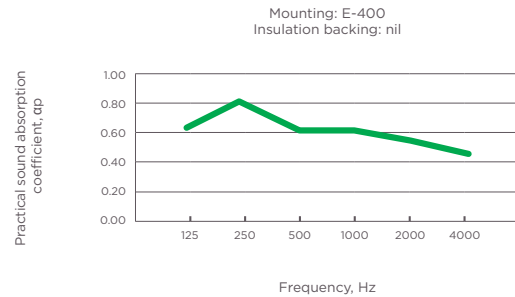
Mounting	Insulation	NRC	SAA	$\alpha^w$	Test Report No.
E-200	None	0.70	0.75	0.70(LM)	ATS17-043-RP025
	90mm glasswool, 14kg/m <sup>3</sup>	0.80	0.85	0.80	ATS17-043-RP027



**Notes**

1. Tested in accordance with ASTM C423 - 09a 'Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method'.
2. Testing conducted at Acoustic Testing Services Limited (ATSL), Hong Kong.
3.  $\alpha^w$  derived from ASTM test report.
4. Performance data shown are results of actual tests conducted by USG Boral.

Mounting	Insulation	NRC	SAA	$\alpha^w$	Test Report No.
E-400	None	0.60	0.68	0.65(LM)	ATS17-043-RP018
	90mm glasswool, 14kg/m <sup>3</sup>	0.80	0.81	0.81	ATS17-043-RP020



Over-partition performance ratings

Insulation	CAC	Test Report No.
None	34	STR18011-6
90mm glasswool, 14kg/m <sup>3</sup>	50	STR18011-3

**Notes**

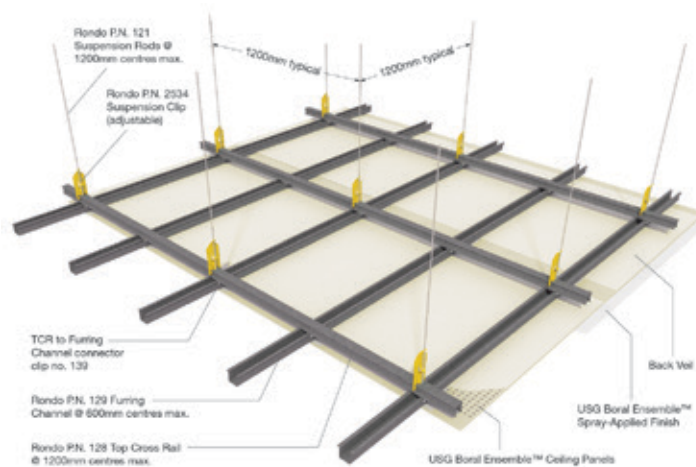
1. Tested in accordance with ASTM E1414 'Standard Test Method for Airborne Sound Attenuation Between Rooms Sharing a Common Ceiling Plenum'.
2. Testing conducted at Supreme NAP Acoustics (Huizhou) Ltd. Laboratory, China.
3. Performance data shown are results of actual tests conducted by USG Boral.

## System Components

Product	Sizes	Remarks
Rondo Top Cross Rail (PN 128)	Length: 3600mm Height: 38mm	Spaced at 1200mm centres maximum
Rondo Furring Channel (PN 129)	Length: 3600mm Height: 28mm	Spaced at 600mm centres maximum
Rondo Furring Channel Track (for perimeter) (PN 140)	Length: 3000mm	-
Rondo TCR and Rod Joiner (PN 2534)	-	-
Rondo TCR to FC Joiner (PN 139)	-	-
Rondo 5mm Soft Galvanized Suspension Rod (PN 121)	Length: 3600mm	Spaced at 1200mm centres maximum
90mm thick 14kg/m <sup>3</sup> glasswool	600 x 2700mm	10 pcs per bag
USG Boral Ensemble™ Ceiling Panels	13mm x 1200mm x 3000mm	-
USG Sheetrock® Paper Joint Tape	52mm x 75m	-
USG Boral BaseCote™ 45	20kg bag	-
USG Boral Sheetrock® Lightweight Finishing Compound Plus 3	18kg per pail	-
USG Boral Ensemble™ Spray-Applied Finish	17L per pail	PANTONE® Colours available, lead times apply

## Installation Details

Using Rondo's Suspended Grid as the primary framing system, the USG Boral Ensemble™ system offers a sophisticated seamless appearance with excellent sound absorption. Joints are finished like conventional plasterboard and acoustically transparent USG Boral Ensemble™ Spray-Applied Finish is applied to the surface of the final decoration. See USG Boral Ensemble™ Technical Manual (Installation Guide) for full details.



## Limitations

1. For interior ceilings only.
2. Not for use in areas subject to continuous high heat and/or humid conditions.
3. Return air ducts and other fixtures shall be installed to the manufacturer's recommendations and local building code requirements.
4. Installations must be done according to USG Boral Technical Manual (Installation Guide) to ensure warranted performance.
5. In order to ensure installed performance, component substitutions are not permitted.

©2019 USG BORAL. All rights reserved. The trademarks USG BORAL, INNOVATION INSPIRED BY YOU and TECASSIST are trademarks or registered trademarks of USG Boral Building Products or one or more of its affiliates. SHEETROCK and ENSEMBLE are trademarks owned by United States Gypsum Company and used under license. PANTONE® and other PANTONE trademarks are the property of Pantone LLC. Product availability should be checked with your local USG Boral Sales Office as availability may vary. Read Product Data Sheet and literature before specification and installation. USG Boral Building Products Pty Limited - ABN 84 004 231 976 251 Salmon Street, Port Melbourne, VIC 3207.

UB1359 07/19