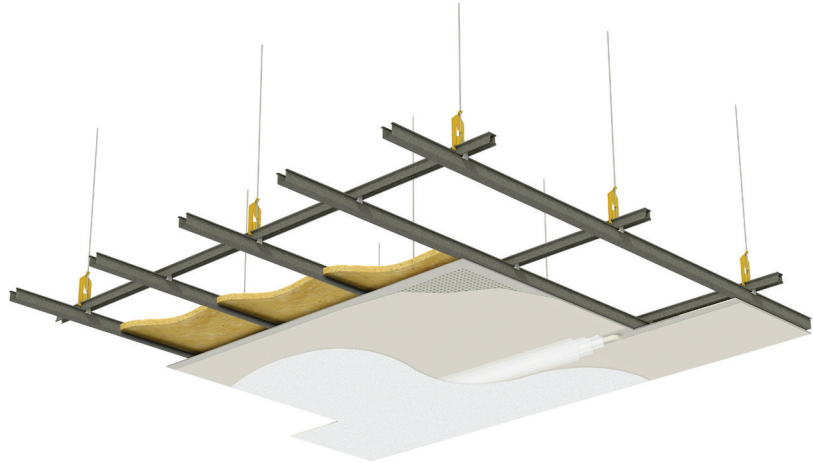


USG BORAL ENSEMBLE™ ACOUSTICAL PLASTERBOARD CEILING



Seamless Plasterboard Look with True Acoustical Performance



FEATURES AND BENEFITS

- Non-directional, monolithic appearance with fine texture
- Highly engineered USG Boral Ensemble™ Ceiling Panels to optimize sound performance
- Installs and finishes similar to traditional plasterboard
- Up to NRC 0.80, α_w 0.80, CAC 48
- High light-reflective finish (LR-0.85) reducing fixture and energy use
- Acoustically transparent spray-applied finish

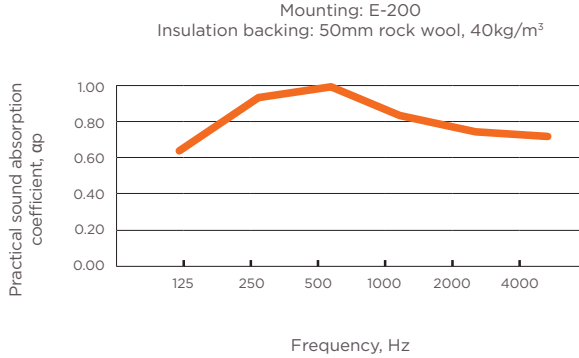
APPLICATIONS

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

PERFORMANCE DATA

Sound absorption performance ratings

Mounting	Insulation	NRC	SAA	α_w	Test Report No.
E-200	50mm rock wool, 40kg/m ³	0.80	0.85	0.80 (L)	ATS17-043-RP026



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 - accredited by Hong Kong Accreditation Service (HKAS).
3. α_w derived from ASTM test report.
4. Performance data shown are results of actual tests conducted by USG Boral.

Over-partition Performance Ratings

Insulation	CAC	Test Report No.
50mm rock wool, 40kg/m ³	48	STR18011-4

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 - accredited by China National Accreditation Service for Conformity Assessment (CNAS).
3. Performance data shown are results of actual tests conducted by USG Boral.

SYSTEM COMPONENTS

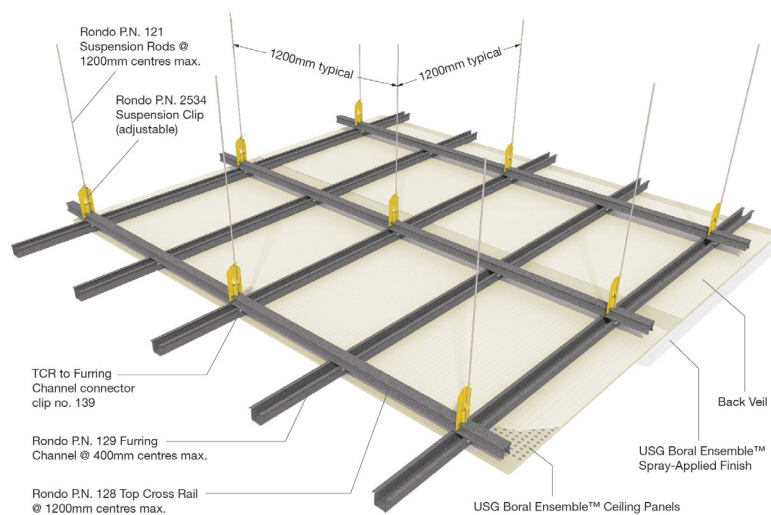
Product	Sizes	Remarks
Rondo Top Cross Rail (PN 128)	Length: 3600mm Height :38mm	Spaced at 1200mm centers
Rondo Furring Channel (PN 129)	Length: 3600mm Height : 28mm	Spaced at 400mm centers
Rondo Furring Channel Track (for perimeter) (PN 140)	Length: 3000mm	
Rondo TCR and Rod Joiner (PN 2534)		
Rondo TCR to FC Joiner (PN 139)		
Rondo 5mm Soft Galvanized Suspension Rod (PN 121)	Length: 3600mm	Spaced at 1200mm centers
Rondo Stitching Batten (PN MB005)		
50mm thick 40kg/m ³ rock wool	1200mm x 600mm	Packed in slabs
USG Boral Ensemble™ Ceiling Panels	12.5mm x 1200mm x 2400mm	
USG SHEETROCK® Brand Paper Joint Tape	63.5mm x 76.2m or 63.5mm x 152.4m	
USG Boral EasySet™ 20	20kg bag	
USG Boral SHEETROCK® Lightweight Finishing Joint Compound Plus 3™	17L per pail	
USG Boral Ensemble™ Spray-Applied Finish, White	17L per pail	

ENSEMBLE™ CEILING PANEL SPECIFICATIONS

Feature	Description
Thickness	12.5mm
Pattern	12.0mm diameter round hole
Edge Profile	Recessed edge
Sheet Size	1200 x 2400mm
Paper Colour	Ivory paper (front)
Veil Colour	White veil (front and back)
Open Area	20%
Mass	7kg/m ² (note: perforated and laminated)
Fire Hazard Properties	Non-combustible (BS 476)
TVOCs emission	N.D-Not Detected (< 0.1mg/m ² /hr)

INSTALLATION DETAILS

USG Boral Ensemble™ Acoustical Plasterboard Ceiling



Notes

1. Refer for Technical Manual (Installation Guide) for details.
2. Insulation backing not shown for clarity

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.

SUBMITTAL APPROVALS

Job Name	
Contractor	Date

PRODUCT INFORMATION

See USGBoral.com for the most up-to-date product information.

CAUTION

Use work methods which minimize dust production. Avoid inhalation of dust and contact with skin and eyes. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices. Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Dust in the eyes. Do not rub eyes. Flush thoroughly with water. Dust on skin. Rinse area with plenty of water. Get medical attention if symptoms persist on any of the route of contact. For more information, call Product Safety: +60 3 5624 3600 or see the SDS at USGBoral.com.
KEEP OUT OF REACH OF CHILDREN.

NOTE

Products described here may not be available in all geographic markets. Consult your USG Boral Company sales office or representative for information.

NOTICE

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for anything other than the intended use. Our liability is expressly limited to replacement of defective goods.

SAFETY FIRST!

Follow good safety or industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.



041 - 098 - 3029
Environmentally Preferred
Product



USGBoral.com

Plasterboard

Ceilings

Interior Finishes

Metal Framing

Substrates