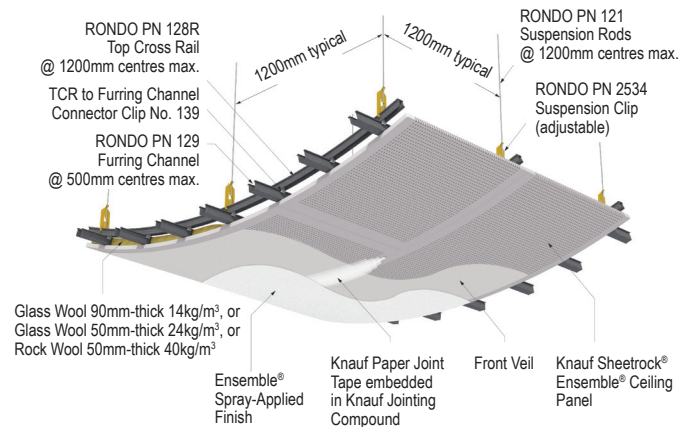
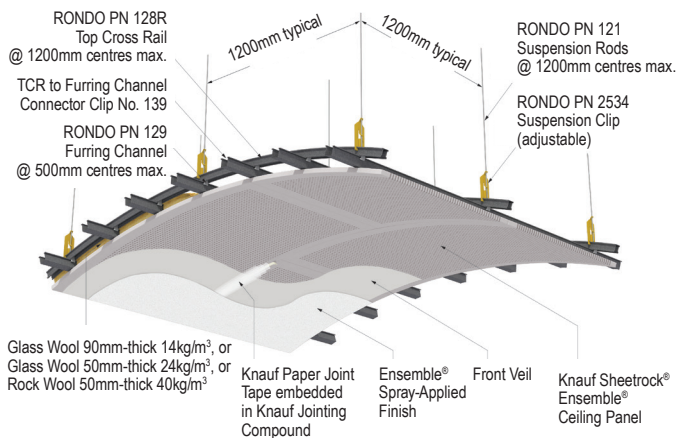
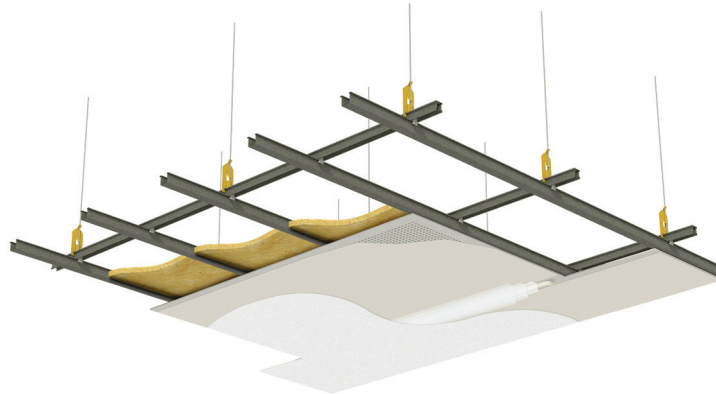


KNAUF ENSEMBLE® SEAMLESS ACOUSTICAL PLASTERBOARD CEILING



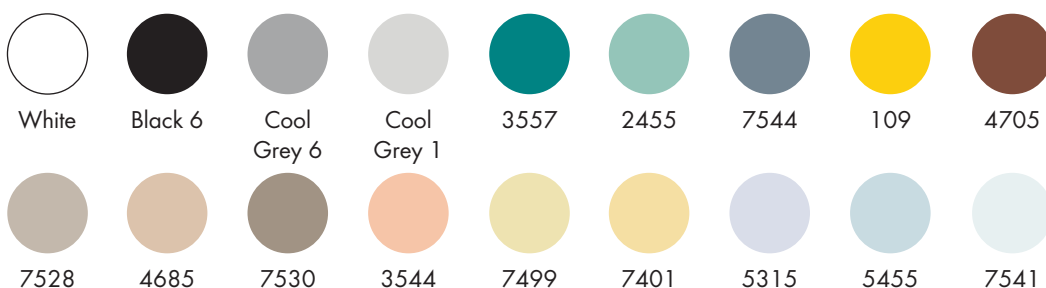
Seamless Plasterboard Look with True Acoustical Performance

Product Features

- Non-directional, monolithic appearance with fine texture
- Highly engineered Knauf Sheetrock® Ensemble® Ceiling Panel to optimise sound performance
- Installs and finishes similar to traditional plasterboard
- Up to NRC 0.80, aw 0.80 (L), CAC 48
- High light-reflective finish (LR-0.85) reducing fixture and energy use
- Acoustically transparent spray-applied finish
- Can be curved in concave and convex geometry with a minimum radius of 4000mm to achieve design flexibility
- Available in any colour finish in the Pantone® range. Please refer to Ensemble® Colour Guide for further details.



Pantone® Colours



NOTES:
Due to printing limitations, the colours depicted are for reference only.

The Pantone® colour list is not exhaustive. For other colours, the Pantone® colour codes must be provided during the placement of orders. Lead time applies.

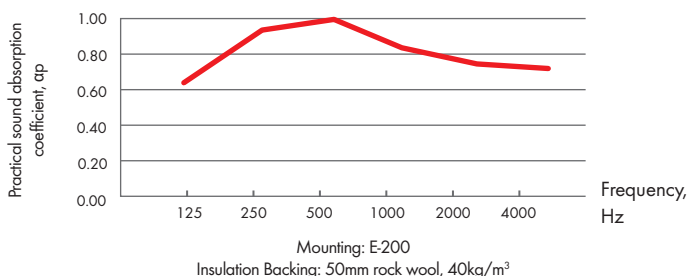
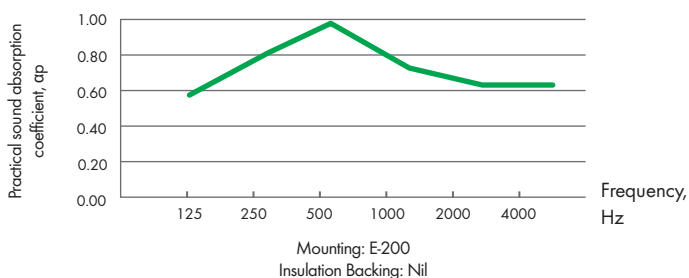
Applications

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

Performance Data

Sound absorption performance ratings

Mounting	Insulation	NRC	SAA	α_w	Test Report No.
E-200	None	0.70	0.75	0.70 (LM)	ATS17-043-RP025
	50mm rock wool, 40kg/m ³	0.80	0.85	0.80 (L)	ATS17-043-RP026
	90mm glass wool, 14kg/m ³	0.80	0.85	0.80 (L)	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 - 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 Knauf.

Over-partition Performance Ratings

Insulation	CAC	Test Report No.
None	34	STR18011-6
50mm Rock Wool 40kg/m ³	48	STR18011-4
90mm Glass Wool 14kg/m ³	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 - accredited by China National Accreditation Service for Conformity Assessment (CNAS).
3. Performance data shown are results of actual tests conducted by Knauf.

System Components

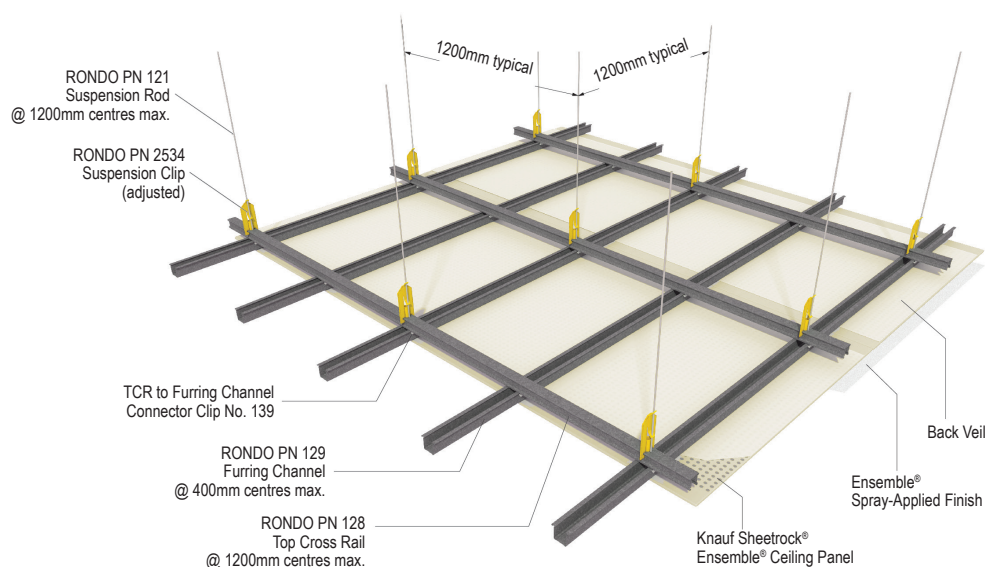
Product	Sizes	Remarks
Rondo Top Cross Rail (PN 128)	Length: 3600mm, Height: 38mm	Spaced at 1200mm centres
Rondo Top Cross Rail (PN 128R) for Curve Application		
Rondo Furring Channel (PN 129)	Length: 3600mm, Height: 28mm	Spaced at 400mm centres
Rondo Furring Channel Track (PN 140) for Perimeter	Length: 3000mm	
Rondo TCR and Rod Joiner (PN 2534)		
Rondo TCR to FC Joiner (PN 139)		
Rondo 5mm Soft Galvanised Suspension Rod (PN 121)	Length: 3600mm	Spaced at 1200mm centres
Rondo Butt Joint Stitching Batten (PN B005)		
50mm-thick 24kg/m³ Glass Wool; or	50mm x 1200mm x 12000mm	Packed in a roll
50mm-thick 40kg/m³ Rock Wool; or	50mm x 1200mm x 600mm	Packed in slabs
90mm-thick 14kg/m³ Glass Wool	90mm x 1200mm x 7500mm	Packed in a roll
Knauf Sheetrock® Ensemble® Ceiling Panel	12.5mm x 1200mm x 2400mm	
Knauf Paper Joint Tape	50mm x 150m	
Knauf Stopping Compound	20kg per bag	
Knauf Sheetrock® Plus 3™	19kg per pail	
Ensemble® Spray-Applied Finish (White)	17L per pail	

Knauf Sheetrock® Ensemble® Ceiling Panel Specifications

Feature	Description
Thickness	13.0mm (including veils)
Pattern	12.0mm diameter round hole
Edge Profile	Recessed edge
Sheet Size	1200mm 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	< 0.1 mg/m ³ (under SGBC criteria - pass)

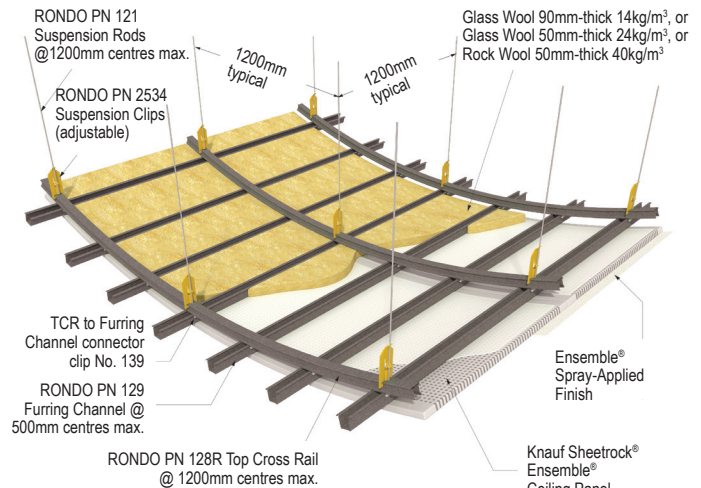
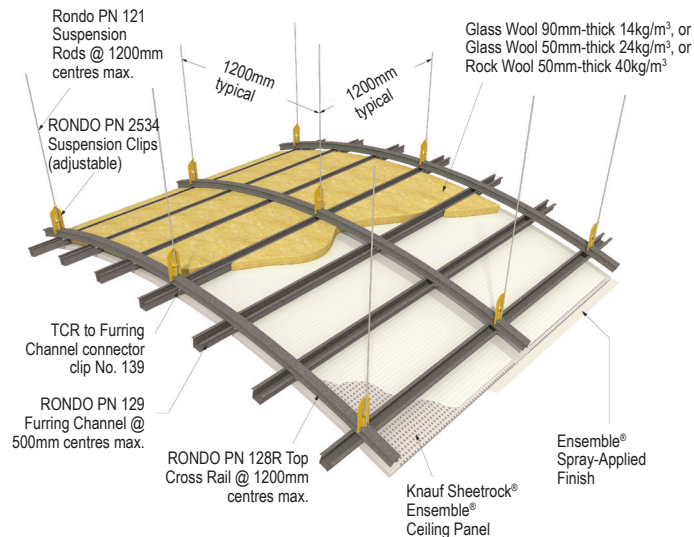
Installation Details

Knauf Ensemble® Seamless 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 Knauf Technical Manual (Installation Guide) to ensure warranted performance.

5. In order to ensure installed performance, component substitutions are not permitted.
6. The minimum concave and convex curve radius is 4000mm.
7. The curve is unidirectional in length only.

Submittal Approval

Job Name	
Contractor	Date

Product Information

See www.knaufapac.com/en_sg for the most up-to-date product information.

Caution

Use work methods which minimise 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: (65) 6272 9272 or see the SDS at www.knaufapac.com/en_sg.
KEEP OUT OF REACH OF CHILDREN.

Note

Products described here may not be available in all geographic markets. Consult your Knauf 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.

