

Noise is actually vibration. A normal stud conducts the vibration across its web, and sound is transmitted via anything that reacts to it by vibrating. The Rondo QUIET STUD® is overall bigger in surface area than a standard wall stud. Therefore, the sound (vibration) has further to travel and tends to weaken in intensity across the wall, resulting in a more acoustic efficient wall system.

Its unique design, combined with appropriate lining board systems, forms an effective buffer against unwanted noise to provide a cost-effective solution to acoustic control provisions.

SOUND ISOLATION / FIRE-RATED / SIMPLE INTEGRATION

BENEFITS

- Achieves superior performance in a smaller footprint, leaving more floor space
- Quick installation as Contractor uses standard steel stud drywall installation practices, resulting in lower labour costs
- Utilises standard Rondo 92mm top and bottom wall tracks
- Standard 92mm wide stud system
- Bell-mouthed service holes for electrical cabling
- Studs feature a wider 45mm fixing flange
- Studs are designed for a friction fit into top & bottom wall track

SUITABLE FOR

- Acoustic control provisions
- Acoustic wall system
- Fire Rated and Non-fire rated Systems
- Inter-tenancy walls if discontinuous construction is not required (popular in apartments)

			CEILI	NGS				WALLS		ACCESSORIES			ACCESS PANELS	FASTENERS
STANDARDS & CODES	DNO	DONN	KEY-LOCK	XPRESS	WALK-ABOUT	STUD & TRACK	STUD & TRACK	MAXIFRAME	QUIET STUD	TOP HATS	EXANGLE	EXANGLE RT	PANTHER	CERT-R-FIX
NCC 2022 - Building Code of Australia Volumes 1 & 2														
NZBC - B1/VM1 NZ Building Code Verification Method B1/VM1 Clause 2														
NZBC - B2 Durability Rondo XPRESS® Drywall Grid System will have a minimum serviceable life of 15 years when installed in a dry, non- corrosive, interior installation.														
AS/NZS 1170.0:2002 Part 0: General principles														
AS/NZS 1170.1:2002 Part 1: Permanent, imposed & other actions														
AS/NZS 1170.2:2021 Part 2: Wind actions														
AS 1170.4:2007 Part 4: Earthquake actions in Australia														
NZS 1170.5:2004 Part 5: Earthquake actions in New Zealand														
NZS 4219:2009 Seismic performance of engineering systems in buildings														
AS/NZS 4055:2021 Wind loads for housing														
AS/NZS 4600:2018 Cold formed steel structures														
AS/NZS 2785:2020 Suspended Ceilings - Design & installation														
AS 3566.1:2002 Self-drilling screws for the building and construction industries - General requirements and mechanical properties														
AS 5216:2021 Design of post-installed and cast-in fastenings in concrete	•	•	•	•	-	-	-	•						
AS1530.4:2014 Fire resistance tests for elements of construction														
AS/NZS 1530.3:1999 Simultaneous determination of ignitability, flame propagation, heat release and smoke release (Reconfirmed 2016)														
AS 1191:2002 Acoustics - Method for laboratory measurement of airborne sound transmission insulation of building elements														
AS/NZS ISO 717.1:2004 Acoustics - Airborne sound insulation														
	NCC 2022 - Building Code of Australia Volumes 1 & 2 NZBC - B1/VM1 NZ Building Code Verification Method B1/VM1 Clause 2 NZBC - B2 Durability Rondo XPRESS® Drywall Grid System will have a minimum serviceable life of 15 years when installed in a dry, non- corrosive, interior installation. AS/NZS 1170.0:2002 Part 0: General principles AS/NZS 1170.1:2002 Part 2: Wind actions AS 1170.4:2007 Part 4: Earthquake actions in Australia NZS 1170.5:2004 Part 5: Earthquake actions in New Zealand NZS 4219:2009 Seismic performance of engineering systems in buildings AS/NZS 4055:2021 Wind loads for housing AS/NZS 4600:2018 Cold formed steel structures AS/NZS 2785:2020 Suspended Ceilings - Design & installation AS 3566.1:2002 Self-drilling screws for the building and construction industries - General requirements and mechanical properties AS 5216:2021 Design of post-installed and cast-in fastenings in concrete AS1530.4:2014 Fire resistance tests for elements of construction AS/NZS 1530.3:1999 Simultaneous determination of ignitability, flame propagation, heat release and smoke release (Reconfirmed 2016) AS 1191:2002 AS 1191:2002 ASONZS ISO 717.1:2004	NCC 2022 - Building Code of Australia Volumes 1 & 2 NZBC - B1/VM1 NZ Building Code Verification Method B1/VM1 Clause 2 NZBC - B2 Durability Rondo XPRESS® Drywall Grid System will have a minimum serviceable life of 15 years when installed in a dry, non- corrosive, interior installation. AS/NZS 1170.0:2002 Part 0: General principles AS/NZS 1170.1:2002 Part 1: Permanent, imposed & other actions AS/NZS 1170.2:2021 Part 2: Wind actions AS 1170.4:2007 Part 4: Earthquake actions in Australia NZS 1170.5:2004 Part 5: Earthquake actions in New Zealand NZS 4219:2009 Seismic performance of engineering systems in buildings AS/NZS 4055:2021 Wind loads for housing AS/NZS 4600:2018 Cold formed steel structures AS/NZS 2785:2020 Suspended Ceilings - Design & installation AS 3566.1:2002 Self-drilling screws for the building and construction industries - General requirements and mechanical properties AS 5216:2021 Design of post-installed and cast-in fastenings in concrete AS1330.4:2014 Fire resistance tests for elements of construction AS/NZS 1530.3:1999 Simultaneous determination of ignitability, flame propagance in the release and smoke release (Reconfirmed 2016) AS 1191:2002 Acoustics - Method for laboratory measurement of airborne sound transmission insulation of building elements AS/NZS ISO 717.1:2004	NCC 2022 - Building Code of Australia Volumes 1 & 2 NZBC - B1/VM1 NZ Building Code Verification Method B1/VM1 Clause 2 NZBC - B2 Durability Rondo XPRESS® Drywall Grid System will have a minimum serviceable life of 15 years when installed in a dry, non- corrosive, interior installation. AS/NZS 1170.0:2002 Part 0: General principles AS/NZS 1170.1:2002 Part 1: Permanent, imposed & other actions AS/NZS 1170.2:2021 Part 2: Wind actions AS 1170.4:2007 Part 4: Earthquake actions in Australia NZS 1170.5:2004 Part 5: Earthquake actions in New Zealand NZS 4219:2009 Seismic performance of engineering systems in buildings AS/NZS 4055:2021 Wind loads for housing AS/NZS 4600:2018 Cold formed steel structures AS/NZS 2785:2020 Suspended Cellings - Design & installation AS 3566.1:2002 Self-drilling screws for the building and construction industries - General requirements and mechanical properties AS 5216:2021 Design of post-installed and cast-in fastenings in concrete AS 1330.4:2014 Fire resistance tests for elements of construction AS/NZS 1530.3:1999 Simultaneous determination of ignitability, flame propagation, heat release and smoke release (Reconfirmed 2016) AS 1191:2002 ACOustics - Method for laboratory measurement of building elements AS/NZS ISO 717.1:2004	STANDARDS & CODES NCC 2022 - Building Code of Australia Nch 2014	NCC 2022 - Building Code of Australia Volumes 1 & 2 NZBC - B1/VM1 NZ Building Code Verification Method B1/VM1 Clause 2 NZBC - B2 Durability Rondo XPRESS® Drywall Grid System will have a minimum serviceable life of 15 years when installed in a dry, non- corrosive, interior installation. AS/NZS 1170.0:2002 Part 0: General principles AS/NZS 1170.1:2002 Part 1: Permanent, imposed & other actions AS/NZS 1170.2:2021 Part 2: Wind actions AS 1170.4:2007 Part 4: Earthquake actions in Australia NZS 1170.5:2004 Part 5: Earthquake actions in New Zealand NZS 4219:2009 Seismic performance of engineering systems in buildings AS/NZS 4055:2021 Wind loads for housing AS/NZS 4600:2018 Cold formed steel structures AS/NZS 4600:2018 Cold formed steel structures AS 3566.1:2002 Self-drilling screws for the building and construction industries - General requirements and mechanical properties AS 5216:2021 Design of post-installed and cast-in fastenings in concrete AS1530.4:2014 Fire resistance tests for elements of construction AS/NZS 1330.3:1999 Simultaneous determination of ignitability, flame propagation, heat release and smoke release (Reconfirmed 2016) AS 1191:2002 Acoustics - Method for laboratory measurement of airborne sound transmission insulation of building elements AS/NZS ISO 717.1:2004	STANDARDS & CODES NCC 2022 - Building Code of Australia	STANDARDS & CODES NOT SERVICE STANDARDS & CODES	STANDARDS & CODES NCC 2002 - Building Code of Australia Volumes 1 & 2 NZBC - B1/VM1 NZ Building Code Verification Method B1/VM1 Clause 2 NZBC - B2 Durability Rondo XPRESS® Drywall Grid System will have a minimum serviceable life of 15 years when installed in a dry, non-corrosive, intention installation. As/NZS 1170.0.2002 Part 1: Permanent, imposed & other actions As/NZS 1170.1.2002 Part 2: Wind actions in Australia NZS 1170.5.2004 Part 3: Earthquake actions in New Zealand NZS 1170.5.2004 Part 5: Earthquake actions in New Zealand NZS 1170.5.2004 As/NZS 1470.5.2004 Part 5: Earthquake actions in New Zealand NZS 1170.5.2004 As/NZS 4055:201 Wind loads for housing As/NZS 4055:2021 Wind loads for housing As/NZS 4055:2021 Wind loads for posing & installation As/NZS 4055:2021 Wind loads for posing & installation As/NZS 4055:2021 Wind loads for posing & installation As/NZS 4055:201 As/NZS 4055:201 As/NZS 4055:201 As/NZS 5057:11:2004 As/NZS 5057:11:2004 As/NZS 5057:11:2004 As/NZS 50577:1:2004	STANDARDS & CODES On O	STANDARDS & CODES On NO	STANDARDS & CODES No	STANDARDS & CODES NOTE STANDARDS & CODES STANDARDS & CODES	STANDARDS & CODES NCC 2022 - Building Code of Australia Volumes 18.2 NZBC - BI JAMIN NZ Building Code Verification Nethod SI JAMI Chase 2 NZBC - BI JAMIN NZ Building Code Verification Nethod SI JAMI Chase 2 NZBC - BI JAMIN NZ Building Code Verification Nethod SI JAMI Chase 2 NZBC - BI JAMIN NZ Building Code Verification Nethod SI JAMI Chase 2 NZBC - BI JAMIN NZ Building Code Verification Nethod SI JAMIN SI J	STANDARDS & CODES Note

	CEILINGS							WALLS			FINISHING SECTIONS		ACCESS PANELS	FASTENERS
STANDARDS & CODES	DNO	DONN	KEY-LOCK	XPRESS	WALK-ABOUT	STUD & TRACK	STUD & TRACK	MAXIFRAME	QUIET STUD	TOP HATS	EXANGLE	EXANGLE RT	PANTHER	CERT-R-FIX
ASTM C635/C635M-17 Standard Specification for Manufacture, Performance and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings														
AS 3623:1993 Domestic metal framing														
AS/NZS 1657:2018 Fixed platforms, walkways, stairways & ladders. Design, construction & installation														
AS/NZS 1397:2021 Continuous hot-dip metallic coated steel sheet & strip - Coatings of zinc & zinc alloyed with aluminium & magnesium	*													
AS/NZS 1664.1:1997 Aluminium structures - Limit state design	•													
AS/NZS 1866:1997 Aluminium & aluminium alloys - Extruded rod, bar, solid & hollow shapes	•													
AS/NZS 2311:2017 Guide to the painting of buildings														
AS/NZS 2589:2017 Gypsum Linings - Application & finishing														

- * EXCLUDES ALUMINIUM
- APPLIES TO ALUMINIUM GRID ONLY
- REFER TO CERT-R-FIX MANUAL

For comprehensive design and installation guides please <u>click here</u> to access the **Rondo Professional Series**

MATERIAL SAFETY DATA INFORMATION

MATERIALS

Products manufactured by Rondo Building Services are produced from coated steel coil material which is classified as a non–hazardous material.

PRODUCTION PROCESSES

A water–based soluble lubricant is used to assist with the roll forming process. These soluble lubricants are not considered hazardous when used as recommended by the manufacturer.

HANDLING AND STORAGE

Products are supplied in pack and sub–pack quantities and should be handled in accordance with the recommendations contained in AS 1470 – Health and Safety at Work Principles and Practice.

Where mechanical lifting or moving equipment is required, trained, and licensed operators are to be used.

Metal products should be stored in an environmentally friendly area away from airborne contaminants such as acid and salt sprays.

SAFETY

It is our recommendation that PPE should be worn when handling metal products (AS 2161 –Occupational Protective Gloves) and that they should be checked regularly for damage.

People with sensitive skin conditions should seek medical advice before prolonged handling of metal products: hands should be washed before eating and for personal hygiene.

Safety glasses (AS/NZS 1336) should be worn when cutting metal sections.

SITE TRAINING

It is the responsibility of the contractor to ensure their employees are trained in onsite WHS procedures as these can vary from site to site.

COMBUSTIBILITY

For more information on the steel used by Rondo visit www.steel.com.au or <u>click here.</u>

RONDO SUSTAINABILITY ADVANTAGE

Environmental Product Declaration (EPD) for metal products

REPRINT SUSTAINABILITY CERTIFICATIONS

SUSTAINABILITY CERTIFICATIONS

Consider the product of th

For more information on the Rondo Sustainability Advantage click here

RODUCT DATA SHEET

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

The Rondo EPD provides to a customer the Life Cycle Assessment (LCA) data for over 300 products and 53 product families.

source the LCA data by selecting the required part numbers that make up the system within one EPD.

The Rondo EPD was certified, and made available to Rondo customers in December 2020, **click here** to download.



RONDO WARRANTY

Rondo's quality products are backed by our comprehensive warranty.

With minimal exclusions, our warranty provided optimal peace of mind.

For more information on our warranty **click here**.

RONDO BUILDING SERVICES PTY LTD	The remainder of this document does not impose any limitation on, or precondition to the exercise of rights in accordance with, the Consumer Guarantees.
WARRANTY	LODGING A WARRANTY CLAIM
THIS WARRANTY IS ISSUED:	To make a claim under the warranty, please contact the Rondo authorised distributor from whom you purchased the product. Otherwise, you may send details of your warranty claim directly to Rondo by post
	Warranty Claims, Rondo Building Services, PO Box 324. St Marys, NSW 1790 Australia
PROJECT:	All claims under this warranty must be received by flonds within the applicable warranty period as set out in the 'General Warranty Statement' below. Once you'r claim is received, a representative of flonds will determine whether your warranty claim is valid and, is it. will inform you how flonds will broom it. Any
	costs you incur in making this warranty claim are you responsibility and not covered by this warranty.
RONDO REF:	After you lodge a warsenty claim, flondo may, before providing warranty service, require that you provide provid of purchase, respond to questions designed to assist with diagnosting potential faults and follow flondo's pposses for obtaining warranty service. You mist respond to all requests promptly and at your own supense.
This warranty is provided by: Rando Building Services Pty Ltd ABN 69 000 289 207	GENERAL WARRANTY STATEMENT
57-87 Lockwood Road, Erskine Park, NSW 2759 Australia Tel: +61 2 9912 7300 Email: <u>rondo@rondo.com.au</u>	Rondo Building Services Pty Ltd (Rondo) warrants all Rondo branded products against defects in materials under normal use for the period from the date of purchase specified below:
OTHER RIGHTS	 All Rando products: ten (10) years, with the exception of:
The benefits given by this warranty are additional to other rights and remedies that you may have under axer relating to our product. The following statement applies where the product is supplied to a crossmer under the Australian Consumer Law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. Tou are entitled	Rondo 2850 coated products used in external applications in accordance with the "Special Conditions for 2850 Froduct Use in External Applications" section below: Seven (7) years. Rondo XY-LOCK", DUOY, DONN" and XYRESSS Suspended Ceiling Systems: fifteen (15) years.
to a replacement or refund for a major failure and compensation for any other reasonably foreseeable	If you submit a valid claim, Rondo will, at its option:
loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure (Consumer Guarantees).	 (ii) Repair the product; (iii) Replace the product with a product that is at least equivalent to the original product in function and quality; or (iv) Refund the purchase price.

CERTIFICATIONS



JAS-ANZ

