

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
- Available in 0.55BMT & 0.75BMT to achieve higher walls
- More effective as an acoustic solution in seismic applications

#### **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)

		CEILINGS					WALLS			ACCESSORIES	FINISHING SECTIONS		ACCESS PANELS
	STANDARDS & CODES	DONN	KEY-LOCK	XPRESS	WALK-ABOUT	STUD & TRACK	STUD & TRACK	MAXIFRAME	QUIET STUD	тор натѕ	EXANGLE	EXANGLE RT	PANTHER
	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.												
SNC	AS/NZS 1170.0:2002 Part 0: General principles												
N ACT	AS/NZS 1170.1:2002 Part 1: Permanent, imposed & other actions												
STRUCTURAL DESIGN ACTIONS	<b>AS/NZS 1170.2:2021</b> 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												

	CEILINGS					WALLS			ACCESSORIES	FINISHING SECTIONS		ACCESS PANELS
STANDARDS & CODES	DONN	KEY-LOCK	XPRESS	WALK-ABOUT	STUD & TRACK	STUD & TRACK	MAXIFRAME	QUIET STUD	TOP HATS	EXANGLE	EXANGLE RT	PANTHER
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												

## **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 WARRANTY**

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

With minimal exclusions, our warranty provides 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:	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 Rondo within the applicable warranty period as set out in the "General Warranty Statement" below. Onc your claim is received, a representative of Rondo will determine whether your warranty (slaim a valied and, it is, will inform you how Rondo will honour it. Any costs you incur in making this warranty claim are your responsibility and not covered by this warranty.
RONDO REF:	After you lodge a warranty claim, Rondo may, before providing warranty service, require that you provide provid of purchase, respond to questions designed to assist with diagnosing potential faults and follow Rondo's piscuess for obtaining warranty service. You must respond to all requests promptly and at your own sepensa.
This warranty is provided by:	
Rando Building Services Pty Ltd ABN 69 000 289 207 57-87 Lockwood Rand, Erskine Park, NSW 2759 Australia Tel: +61 2 9912 7300 Email: <u>rando@rando.com.av</u>	GENERAL WARRANTY STATEMENT  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  The benefits given by this warranty are additional to other rights and remedies that you may have under laser selaing to our products. The following statement applies where the product is supplied to a "consumer" under the Australian Consumer Law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. For are entitled	<ul> <li>All Rondo products: ten (10) years, with the exception of:</li> <li>Rondo 2850 coated products used in externa applications in accordance with the "Special Conditions for 2850 Product Use in External Applications" section below: Seven (7) years.</li> <li>Rondo KEY-LOCK*, 1007, DOINN* and XPRESS* Suspended Celling Systems: fifteen (15) years.</li> </ul>
under the Australian Consulter Law. Too after encode to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage, thus 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).	(15) years.  If you submit a valid claim, Rondo will, at its option:  (iv. Repair the product;  (iv) Repair the product with a product that is at least equivalent to the original product in function and quality; or  (iv) Rendo the purchase price.

# CERTIFICATIONS



Rondo's commitment to quality and environmental responsibility is reflected through our ISO 9001 certification.

At Rondo, we ensure compliance with laws, regulations and standards while maintaining transparent communication with stakeholders on environmental issues.

For more information on our quality assurance **click here**.