



The Rondo SHAFTWALL is a one-way erected wall system that is suitable for both fire-rated and sound-rated applications. The system is designed to encase lift shafts, stairwells and service ducting in low and high-rise construction areas.

# SIMPLE INTEGRATION / FIRE-RATED & ACOUSTIC DESIGN/ EFFICIENT

#### **BENEFITS**

- Rapid installation with no need to gain access within the shaft.
- The SHAFTWALL System is most appropriate for lift shafts and stairwells as well as service ducts.
- Rondo SHAFTWALL System are both acoustic and fire rated.
- Available in 64mm & 102mm sections
- Thicker gauge option for higher walls

#### **SUITABLE FOR**

- Fire-rated applications
- Sound-rated applications
- Lift shafts
- Stairwells
- Service ducting (low & high-rise construction areas)

|                           |  | CEILINGS |          |        |            |              | WALLS        |           |            | ACCESSORIES | FINISHING SECTIONS |            | ACCESS<br>PANELS |
|---------------------------|--|----------|----------|--------|------------|--------------|--------------|-----------|------------|-------------|--------------------|------------|------------------|
|                           | STANDARDS & CODES  | DONN     | KEY-LOCK | XPRESS | WALK-ABOUT | STUD & TRACK | STUD & TRACK | MAXIFRAME | QUIET STUD | TOP HATS    | EXANGLE            | EXANGLE RT | PANTHER          |
|                           | NCC 2022 - Building Code of Australia<br>Volumes 1 & 2   |          |          |        |            |              |              |           |            |             |                    |            |                  |
|                           | NZBC - B1/VM1 NZ Building Code Verification<br>Method B1/VM1 Clause 2  |          |          |        |            |              |              |           |            |             |                    |            |                  |
|                           | NZBC - B2 Durability Rondo XPRESS® Drywall<br>Grid System will have a minimum serviceable<br>life of 15 years when installed in a dry, non-<br>corrosive, interior installation. |          |          |        |            |              |              |           |            |             |                    |            |                  |
| SNC                       | AS/NZS 1170.0:2002<br>Part 0: General principles   |          |          |        |            |              |              |           |            |             |                    |            |                  |
| N ACT                     | AS/NZS 1170.1:2002<br>Part 1: Permanent, imposed & other actions   |          |          |        |            |              |              |           |            |             |                    |            |                  |
| STRUCTURAL DESIGN ACTIONS | <b>AS/NZS 1170.2:2021</b> Part 2: Wind actions   |          |          |        |            |              |              |           |            |             |                    |            |                  |
|                           | AS 1170.4:2007<br>Part 4: Earthquake actions in Australia  |          |          |        |            |              |              |           |            |             |                    |            |                  |
| STR                       | NZS 1170.5:2004<br>Part 5: Earthquake actions in New Zealand   |          |          |        |            |              |              |           |            |             |                    |            |                  |
|                           | NZS 4219:2009 Seismic performance of engineering systems in buildings  |          |          |        |            |              |              |           |            |             |                    |            |                  |
|                           | AS/NZS 4055:2021<br>Wind loads for housing   |          |          |        |            |              |              |           |            |             |                    |            |                  |
|                           | AS/NZS 4600:2018<br>Cold formed steel structures   |          |          |        |            |              |              |           |            |             |                    |            |                  |
|                           | AS/NZS 2785:2020<br>Suspended Ceilings - Design & installation   |          |          |        |            |              |              |           |            |             |                    |            |                  |
|                           | AS 3566.1:2002<br>Self-drilling screws for the building and<br>construction industries - General requirements<br>and mechanical properties                                       |          |          |        |            |              |              |           |            |             |                    |            |                  |
|                           | AS 5216:2021<br>Design of post-installed and cast-in fastenings<br>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<br>Acoustics - Airborne sound insulation   |          |          |        |            |              |              |           |            |             |                    |            |                  |

|  | CEILINGS |          |        |            |              | WALLS        |           |  | ACCESSORIES | FINISHING<br>SECTIONS |  | ACCESS<br>PANELS |
|--|----------|----------|--------|------------|--------------|--------------|-----------|--|-------------|-----------------------|--|------------------|
| STANDARDS & CODES  | DONN     | KEY-LOCK | XPRESS | WALK-ABOUT | STUD & TRACK | STUD & TRACK | MAXIFRAME | QUIET STUD  QUIET STUD  TOP HATS  EXANGLE RT  EXANGLE RT |             |                       |  |                  |
| ASTM C635/C635M-17<br>Standard Specification for Manufacture,<br>Performance and Testing of Metal Suspension<br>Systems for Acoustical Tile and Lay-in Panel<br>Ceilings |          |          |        |            |              |              |           |  |             |                       |  |                  |
| AS 3623:1993<br>Domestic metal framing   |          |          |        |            |              |              |           |  |             |                       |  |                  |
| AS/NZS 1657:2018 Fixed platforms, walkways, stairways & ladders. Design, construction & installation   |          |          |        |            |              |              |           |  |             |                       |  |                  |
| AS/NZS 1397:2021<br>Continuous hot-dip metallic coated steel sheet<br>& strip - Coatings of zinc & zinc alloyed with<br>aluminium & magnesium                            |          |          |        |            |              |              |           |  |             |                       |  |                  |
| AS/NZS 1664.1:1997<br>Aluminium structures - Limit state design  |          |          |        |            |              |              |           |  |             |                       |  |                  |
| AS/NZS 1866:1997<br>Aluminium & aluminium alloys - Extruded rod,<br>bar, solid & hollow shapes   |          |          |        |            |              |              |           |  |             |                       |  |                  |
| AS/NZS 2311:2017<br>Guide to the painting of buildings   |          |          |        |            |              |              |           |  |             |                       |  |                  |
| AS/NZS 2589:2017<br>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<br>limitation on, or precondition to the exercise of rights<br>in accordance with, the Consumer Guarantees.  |
|---|---|
| WARRANTY  | LODGING A WARRANTY CLAIM  |
| THIS WARRANTY IS ISSUED:<br>TO:   | To make a claim under the warranty, please contact<br>the Rondo authorised distributor from whom you<br>purchased the product. Otherwise, you may send<br>details of your warranty claim directly to Rondo by<br>post   |
|   | Warranty Claims, Rondo Building Services, PO Box<br>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. Once your claim is received, a representative of Rondo will determine whether your warranty claim is valid and, it it, will inform you how Rondo will honour it. Any costs you exour 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 provided pruchase, respond to questions designed to assist with diagnosing potential faults and follow Rondo's process for obtaining warranty service. You must respond to all requests promptly and at your own wepens.   |
| This warranty is provided by:   |   |
| Rondo Building Services Pty Ltd ABN 69 000 289 207<br>57-87 Lockwood Rood, Erskine Perk, NSW 2759<br>Australia Tel: +61 2 9912 7300<br>Email: <u>candolf rando.com.au</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  | <ul> <li>All Rondo products: ten (10) years, with the<br/>exception of:</li> </ul>  |
| The benefit given by this wagrainty are additional to other rights and remedies that you may have under learn straining to our product. The following statement applies where the product: is supplies to a consumer under the Australian Consumer Law. Our consumer under the Australian Consumer Law. Our goods come with Juvarantees that cannot be excluded under the Australian Consumer Law. Tou are entitled to a replacement or restund for a major failure and | <ul> <li>Rondo Z850 coated products used in external<br/>applications in accordance with the "Spatial<br/>Conditions for 2850 Product Use in External<br/>Applications" section below: Sever (7) years.</li> <li>Rondo KEY-LOCK*, DUDO*, DONN® and<br/>XPRSS® Suspended Ceiling Systems: fifteen<br/>(15) years.</li> </ul>   |
| 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<br>goods repaired or replaced if the goods fail to be of<br>acceptable quality and the failure does not amount to<br>a major failure (Consumer Guarantees).   | (ii) Repair the product,<br>(iii) Replace the product with a product that is at<br>least equivalent to the original product in<br>function and quality, or  |

# **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**.