



PRODUCT DATA SHEET

**RONDO®**

# MAXIFRAME® EXTERNAL WALL FRAMING SYSTEM



The MAXIframe® External Wall Framing System is a lightweight steel framing system for external wall construction. The system has been expertly engineered to offer builders a more efficient, versatile and cost-effective design option than traditional external wall framing construction methods.

MAXIframe® incorporates standard Rondo 92mm Steel Studs as the main framing and includes two major profiles; MAXIjamb®, a Jamb Stud and MAXItrack®, a Slotted Deflection Head Track as well as accompanying cleats to provide a simple, yet solid structure.

## LIGHTWEIGHT / FIRE-RATED / SIMPLE INTEGRATION

### BENEFITS

- MAXIjamb® can support and carry greater load than regular wall studs, therefore removing the need for boxed or back to back stud configurations
- MAXItrack® provides positive connection between stud and deflection head which has allowed the Nogging Track normally located 100mm below the head track to be removed
- Greater performance capacities than traditional external wall framing constructions
- Available in custom lengths
- MAXIjamb® is made from hi tensile steel, 1.2BMT G500
- MAXIjamb® can be used both a vertical jamb member around openings or horizontal head and sill member in window openings

### SUITABLE FOR

- External Wall Systems
- Vented External Walls
- Non-Vented External Walls
- Load Bearing Walls by design
- Window and Door Jamb
- Non-Fire Rated and Fire Rated Systems
- Dual exterior cladding and interior linings support
- Insulation in wall cavity
- Access for service within outer walls

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STANDARDS & CODES	CEILINGS						WALLS			ACCESSORIES	FINISHING SECTIONS		ACCESS PANELS	FASTENERS
	DUO	DONN	KEY-LOCK	XPRESS	WALK-ABOUT	STUD & TRACK	STUD & TRACK	MAXIFRAME	QUIET STUD	TOP HATS	EXANGLE	EXANGLE RT	PANTHER	CERT-R-FIX
<b>NCC 2022</b> - Building Code of Australia Volumes 1 & 2														
<b>NZBC - B1/VM1</b> NZ Building Code Verification Method B1/VM1 Clause 2														
<b>NZBC - B2</b> Durability Rondo XPRESS® Drywall Grid System will have a minimum serviceable life of 15 years when installed in a dry, non- corrosive, interior installation.														
<b>AS/NZS 1170.0:2002</b> Part 0: General principles														
<b>AS/NZS 1170.1:2002</b> Part 1: Permanent, imposed & other actions														
<b>AS/NZS 1170.2:2021</b> Part 2: Wind actions														
<b>AS 1170.4:2007</b> Part 4: Earthquake actions in Australia														
<b>NZS 1170.5:2004</b> Part 5: Earthquake actions in New Zealand														
<b>NZS 4219:2009</b> Seismic performance of engineering systems in buildings														
<b>AS/NZS 4055:2021</b> Wind loads for housing														
<b>AS/NZS 4600:2018</b> Cold formed steel structures														
<b>AS/NZS 2785:2020</b> Suspended Ceilings - Design & installation														
<b>AS 3566.1:2002</b> Self-drilling screws for the building and construction industries - General requirements and mechanical properties														
<b>AS 5216:2021</b> Design of post-installed and cast-in fastenings in concrete	■	■	■	■	■	■	■	■	■					
<b>AS1530.4:2014</b> Fire resistance tests for elements of construction														
<b>AS/NZS 1530.3:1999</b> Simultaneous determination of ignitability, flame propagation, heat release and smoke release (Reconfirmed 2016)														
<b>AS 1191:2002</b> Acoustics - Method for laboratory measurement of airborne sound transmission insulation of building elements														
<b>AS/NZS ISO 717.1:2004</b> Acoustics - Airborne sound insulation														

STRUCTURAL DESIGN ACTIONS

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

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

For comprehensive design and installation guides please [click here](#) 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](http://www.steel.com.au) or [click here](#).





For more information on the Rondo Sustainability Advantage [click here](#)

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 provides optimal peace of mind.

For more information on our warranty [click here](#).



CERTIFICATIONS

