

CLASS 1

Building Product Information Sheet

Product name (include the brand name):

KEY-LOCK® SUSPENDED OR DIRECT FIX CEILING SYSTEM 5311KL & 5316RC

Product description and its intended use:

KEY-LOCK® Concealed Ceiling Systems are designed to produce a high-quality structure for a flush or feature ceilings. It will accept a variety of substrate types such as plasterboard, CFC, Timber, Decorative or Acoustic materials. Available for both non fire-rated and fire-rated applications, bulkheads, slopes, seismic and acoustic designs. When designed, it is strong enough to hold multiple layers of materials. The KEY-LOCK® Ceiling System enables the mixing of primary Top Cross Rail and secondary components Furring Channel to increase spans, suspension fixing points and maximise structural design.

Suitable for: Flush plasterboard, Decorative lining ceilings, Suspended Ceilings for internal applications, Fire Rated Ceiling System Applications, Curved Ceiling Systems using pre-curved furring channel and top cross rail, Raked and Cantilevered Ceilings, Bulkheads as an architectural feature for concealing services, Wall Framing for masonry walls - battening out irregular walls or providing a cavity for cables and plumbing. Suspended Ceilings for External Applications when post painted or protected, Acoustic Ceiling Design available, Seismic Ceiling Design available.

Product identifier (if applicable):

(This could be a Global Trade Item Number (GTIN) or quick response code (QR code), or any other distinguishable part/model number or identifier.)

Place of manufacture: Aotearoa New Zealand Overseas

Legal and trading name of the manufacturer(s):

Rondo Building Services Pty Ltd

Address for service:

STREET NAME 57-87 Lockwood Rd

SUBURB Erskine Park

CITY, COUNTRY Sydney, Australia

POSTCODE 2759

Website:

www.rondo.com.au

Email address:

rondo@rondo.com.au

Phone no. (if applicable):

1300 367 663

NZBN (if applicable):

Legal and trading name of the importer/ **Manufacturer** (if applicable):

Rondo Building Service Pty Ltd

Address for service:

STREET NAME **Building C1, 373 Neilson Street** SUBURB **Penrose**

CITY, COUNTRY **Auckland, New Zealand** POSTCODE **1061**

Website:

www.rondo.co.nz

Email address:

rondo@rondo.com.au

Phone no. (if applicable):

64 9 636 5110

NZBN (if applicable):

060708

Relevant Building Code clauses:

B1 Structure: Performance clauses B1.3.1, B1.3.2, B1.3.3 (a), (b), (c), (f), (h), (i)*, (l), (m) and B1.3.4 (a), (b), (d)
B2 Durability: Performance clauses B2.3.1 (b) (i), (ii), and B2.3.2

C3 Fire affecting areas beyond the fire source*: Rondo framing members and connections can be used in lining manufacturers proprietary "Fire rated systems" that are designed to limit the spread of fire by providing passive fire-resistance to ensure high probability of life safety and adjacent property protection.

* = When used as part of a tested and approved system

Statement on how the building product is expected to contribute to compliance:

Ceiling members and connections are designed in accordance with AS/NZS 4600:2018 Cold-formed steel structures to resist the vertical and horizontal design actions assessed for the relevant load combinations nominated in AS/NZS 1170.0:2002 Structural Design Actions – Part 0: General Principles.

Minimum requirements for the design comply with AS/NZS 2785:2020 Suspended Ceilings – Design and Installation.

Rondo provides a 15-year structural system warranty which complies to Clause B2-Durability for non-structural building elements that are moderately difficult to access and replace.

C3 Fire affecting areas beyond the fire source: Lining manufacturers design and test their Fire Rated Systems which can be used to provide passive fire protection in accordance with the requirements of NZBC Clauses C1 - C6 – Protection from Fire. Rondo framing members and connections can be used as the support framing in many of these systems. Refer to lining manufacturer for further details.

- options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)
- standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured
- physical properties of the building product
- how the building product is intended to be used.

Limitations on the use of the building product:

It should be noted that Rondo products do not satisfy code requirements on their own, but deliver code compliant performance when used as part of full ceiling system, installed in accordance with specific Rondo technical literature.

Rondo Key-Lock Ceiling Systems are intended for internal, non-trafficable applications. Refer to Rondo NZ for additional considerations required in external applications. Note, 15-year warranty does not apply if used in external applications. Not suitable for indoor pool environments without detailed review of application by Rondo.

Design requirements that would support the appropriate use of the building product:

Rondo recommends that you seek professional advice relating to your unique architectural and building requirements, and that of the building code, to ensure the design is compliant.

We recommend that you contact Rondo NZ to obtain a design that is specifically customised to your project requirements. This service is complementary.

Rondo can facilitate a PS1 design if requested by Council in some cases (chargeable at cost).
Refer to Masterspec Clause 5313KL Rondo Systems -Plasterboard & Sheet Ceilings, for further details.

Installation requirements *(also provide link to the product installation guide)*:

Rondo recommends that this System is installed by a qualified trades person and according to the relevant building codes and standards.

Refer to Rondo literature at: www.rondo.co.nz, in conjunction with the specific project design.

Maintenance requirements *(also provide link to the product maintenance guide)*:

There are no specific or periodical maintenance requirements for Rondo KEY-LOCK® Concealed Ceiling System when installed in accordance with the design and installation requirements listed above.

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?:

Yes No

If yes, description of the warning or ban under section 26:

N/A

Date: 01/12/2023