

To whom it may concern

13th February 2019 (*this open letter expires 31st June 2019*)

General information relating to the KOROK® Intertenancy wall comprising either 51mm or 78mm thick KOROK® panels.

With respect to all projects comprising the KOROK® Intertenancy wall system constructed using either the 51mm or 78mm thick KOROK® panel and installed in accordance with the guidance provided by KOROK® Buildings Systems NZ Ltd; please see the general information below.

1. Product name change from Speedwall to KOROK®

In 2018 Speedwall rebranded to KOROK®. The product is still the same and the Speedwall name (although not trading) is owned by KOROK®. Please see Appendix A which contains an open communication from the BRANZ Appraisal Project Manager to KOROK® explaining BRANZ confirmation that the panel product, systems, manufacture process and quality control systems have not changed as a result of the rebranding from Speedwall to KOROK®.

Additionally, the KOROK® BRANZ appraisals Nos. 559 and 722 contain a note to advise readers that KOROK® is “formerly Speedwall NZ Ltd”. See next section to access KOROK®’s appraisals on the BRANZ website.

2. BRANZ Appraisal Status of the KOROK® 51mm and 78mm panels

KOROK® currently has 2 appraisals covering its 78mm thick panel. See the web links below:

- <http://www.branz.co.nz/Appraisal/559>
- <http://www.branz.co.nz/Appraisal/722>

KOROK® are in the process of having the BRANZ appraisal for the 51mm thick panel and additionally undertaking CodeMark for both panel thicknesses and associated systems.

KOROK® has undertaken the relevant fire, acoustics and structural testing to demonstrate that the 51mm panel meets the requirements of the NZBC.

Although there is no mandate, under the NZBC, to present 3rd party product appraisals as a condition of consent and/or issue of certificate of compliance (the later for the total project), KOROK® sees the benefit of this “optional” compliance pathway as a way to *support* councils, designers and other stakeholders in determining that KOROK® systems can maintain compliance and meet (in most cases exceed) the minimum requirements of the NZBC.

3. How does the KOROK® Intertenancy wall system work?

With respect to the KOROK® Intertenancy wall system comprising KOROK® 51mm or 78mm thick panel, provided the installer follows the guidance as advised by Korok, the wall will provide a fire resistance performance of up to - /60/60 in terms of integrity and insulation for a non-load bearing wall.

The KOROK® Intertenancy wall, comprising timber/ steel frame (primary or secondary structure) on both sides of the wall, will provide at least a fire resistance rating (FRR) of -/60/60 as established through the full-scale fire resistance testing undertaken on it, in accordance with AS1530.4-2014.

The timber/ steel framing on both sides of the wall is required to be designed to satisfy the requirements of Part B of the NZBC which includes loads imposed by self-weight and the loads imposed by fixing the KOROK® Intertenancy wall to it.

The principle of the KOROK® Intertenancy wall is that if a fire was to occur on one side of the intertenancy wall (deemed inside the fire cell) then the aluminium brackets on that side are designed to melt away so that if the timber/ steel frame on the fire side collapses or partially falls away - it will not impact on the KOROK® Intertenancy wall's ability to remain in situ because the timber/ steel frame on the non-fire side (deemed outside the fire cell) has been designed to support the required loads including the timber/ steel frame self-weight and loads imposed by the KOROK® panel

(please note: the loads imposed by the KOROK® panel are predominantly lateral loads as the system is designed to transfer the KOROK® wall load into the ground).

Therefore, subject to the timber/ steel frames having been designed to satisfy the requirements of Part B of the NZBC, the KOROK® intertenancy system

has been designed to provide the FRR up to -/60/60 (as tested) and will meet the requirements of C/ASx, section 4.3 (structural stability during fire) and hence demonstrates compliance with Part C3 and C6 of the NZBC.

This statement is based on multiple full-scale fire resistance testing on the KOROK® 51mm and 78mm thick wall samples tested at the BRANZ fire test laboratory, in accordance with the conditions of AS1530.4-2014.

Please note: For the 51mm thick panel KOROK® Intertency wall, the FRR of the KOROK® part of the wall is reduced to -/60/30 when the KOROK® metal flashings at the head and/or horizontal joints are omitted from the design.

If the installer (or any stakeholder) is in doubt as to the design requirements or requires any further clarification, please do not hesitate to contact me (my details are below) or please contact any of the KOROK® team on **07 849 7062**

Yours Sincerely,



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