

CERTIFICATE OF CONFORMITY

This product Certificate is issued under Section 269 of the Building Act 2004 for:

Allied Superslab Concrete Floors



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Product Description
Allied Superslab are polystyrene or QPOD moulded plastic pod, reinforced concrete, slab-on-ground floors.
Product purpose and use
<p>Allied Superslab Concrete Floors have been assessed for use as polystyrene or QPOD moulded plastic pod, reinforced concrete, slab-on-ground floors for buildings within the following scope:</p> <ul style="list-style-type: none"> • Timber framed buildings, up to two storeys high, within the scope of NZS 3604:2011; and • With a maximum height of 10 m measured from the ground to the apex; and, • Supported on “good ground” as defined by the Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Ministry of Business, Innovation and Employment, First Edition, July 2005 (Amendment 15, 01 January 2017), • With a maximum plan floor area of 300 m2 and a maximum length of 30 m; and, • Situated in Wind Zones up to and including Extra High.
Certificate holder
<p>Allied Concrete Ltd. PO Box 1104, Invercargill 9840, New Zealand 35 Inglewood Road, Invercargill 9810, New Zealand Tel: .03 2171600 , call free number 0800 4 255433 www.alliedconcrete.co.nz</p>

CodeMark Certification Body		05/07/2017	20/12/2018	05/07/2020	GM-CM30086-RevC
Global-Mark Pty Ltd, Suite 4.07, 32 Delhi Road, North Ryde NSW 2113, Australia Tel: +61 (0)2 9886 0222 www.Global-Mark.com.au	Herve Michoux Managing Director	Date of issue	Last update	Date of next re-certification	Certificate Number

The purpose of construction site audits is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions. In issuing this certificate, Global-Mark has relied on the independent expert and/or laboratory advise or reports. This certificate is issued by Global-Mark Pty Limited, an independent certification body accredited by the product certification accreditation body (JAS-ANZ) appointed by the Chief Executive of the Ministry of Business Innovation and Employment under the Building Act 2004. The Ministry of Business Innovation and Employment does not in any way warrant, guarantee, or represent that the building method or product the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry of Business Innovation and Employment disclaims, to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate. This Certificate may only be reproduced in its entirety. It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the Ministry of Business Innovation and Employment website, <http://www.mbie.govt.nz/> New Zealand Building Code (NZBC) references the Building Code in force at the time of issuing the product certificate. Certificate holder will notify Global-Mark Pty Ltd in accordance with Regulation 15 of the Building (Product Certification) Regulations 2008

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Compliance with the New Zealand Building Code (NZBC):

Allied Superslab Concrete Floors if designed, installed, used and maintained in accordance with the statements and conditions of this certificate will meet the following provisions of the NZBC:

Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2 and B1.3.4 (b),(c),(d) and (e) for the physical conditions of B1.3.3 (a), (b), (f), (h), (m) and (q)

Clause B2 DURABILITY: Performance B2.3.1 (a) not less than 50 years.

Clause E2 EXTERNAL MOISTURE: Performance E2.3.3. E2.3.7 (b, c)

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1

Subject to the following conditions and limitations:

1. Maintaining the validity of BRANZ Appraisal No. 942 [2017] Amended 11 December 2018 Allied Superslab Concrete Floors.
2. Certificate holder will notify Global-Mark Pty Ltd in accordance with Regulation 15 of the Building (Product Certification) Regulations 2008.

Design and Installation Conditions:

1. Allied Superslab Concrete Floors must be specified, designed, installed and maintained in accordance with the set of documents below collectively referenced as Applicable Technical Documentation:
 - BRANZ Appraisal No. 964 [2017] Amended 11 December 2018 Allied Superslab Concrete Floors.
 - ALLIED SUPERSLAB – Technical Manual (Dec 2018) RevF
2. Reinforcing Steel, Polystyrene Pods or QPOD, Bar Chairs, Pod Spacers and Damp Proof Membrane must be selected, used, handled and stored in compliance with the requirement of the Applicable Technical Documentation
3. Allied Superslab Concrete Floors are not suitable for soils that are expansive or prone to liquefaction or differential settlement.
4. The installation must be either done or supervised by an LPB who holds either a carpentry or a foundation license and have access to the Applicable Technical Documentation.
5. A minimum of 20 MPa Allied CSS mixes must be used except in Exposure Zone D where the minimum is 25 MPa concrete. These mixes must be manufactured in accordance with NZS 3104:2010 and in Allied Concrete plants.

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