



PRODUCT CERTIFICATE

Allied Superslab Concrete Floors



KEY INFORMATION

CERTIFICATE: **GM-CM30086 RevF**

1 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT

Allied Superslab are polystyrene or QPOD moulded plastic pod, reinforced concrete, slab-on-ground floors.

2 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT

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:

- 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 19, 28 November 2019),
- 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.

3 BUILDING CODE PROVISIONS

The 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), B2.3.2 (a) not less than 50 years.

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

4 CERTIFICATE HOLDER DETAILS

Allied Concrete Ltd

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Tel: .03 2171600 or 0800 4 255433

www.alliedconcrete.co.nz

ISSUED	LAST UPDATE	EXPIRY
03/092020	08/09/2020	03/092023

5 SIGNATURE

Herve Michoux, Global Mark Managing Director

6 PRODUCT CERTIFICATION BODY

Global-Mark Pty Ltd

57 Willis Street

Wellington, 6011

customer.service@global-mark.co.nz

+64 9 889 0622

www.global-mark.co.nz

The complaints process for this certificate can be found here:

<https://www.global-mark.com.au/?s=complaint>



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004.

This certificate may only be reproduced in its entirety. It is advised to check that this certificate is currently valid and not withdrawn or suspended by referring to the Register of Product Certificates on the Building Performance website <http://www.building.govt.nz>.

CERTIFICATE V1.4

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7 CONDITIONS AND LIMITATIONS OF USE			
<p>1. The Maintaining the validity of BRANZ Appraisal No. 964 [2017] Amended 11 December 2018 Allied Superslab Concrete Floors.</p> <p>2. Certificate holder will notify Global-Mark Pty Ltd in accordance with Regulation 15 of the Building (Product Certification) Regulations 2008.</p> <p>3. 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:</p> <ul style="list-style-type: none"> BRANZ Appraisal No. 964 [2017] Amended 11 December 2018 Allied Superslab Concrete Floors. ALLIED READY SUPERSLAB – Technical Manual (June 2020) RevG <p>4. 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</p> <p>5. Allied Superslab Concrete Floors are not suitable for soils that are expansive, prone to liquefaction, lateral spread or differential settlement.</p> <p>6. 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.</p> <p>7. 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.</p>			
8 HEALTH AND SAFETY INFORMATION			
Standard industry safety practices and manufacturer safety requirement as detailed in the technical literature including the applicable SDS must be observed at all time.			
9 SUPPORTING INFORMATION ABOUT DESCRIPTION			
Nil			
10 SUPPORTING INFORMATION ABOUT INTENDED USE			
Refer to section 3.1 of ALLIED READY SUPERSLAB – Technical Manual (June 2020) RevG			
11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE			
Nil			
12 BASIS FOR CERTIFICATION			
The certification decision is based independent technical review(s) of engineering opinion(s) and other documented evidence(s), factory audit(s) and site review(s)			
13 SUPPORTING DOCUMENTATION FOR CERTIFICATION			
Ref	Author	Title	Date and/or revision
1	BRANZ	Allied Superslab Concrete Floors - BRANZ Appraisal No. 964 (2017)	11/12/2018
2 *	BRANZ	BRANZ Appraisals Means of Compliance - Basis of Appraisal - Allied Superslab Concrete Floors - BRANZ Appraisal No. 964 (2017)	TV08964 (Version 2 May 2011)

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3	Allied Concrete	ALLIED READY SUPERSLAB – Technical Manual (June 2020) RevG	June-2020
4	Allied Concrete	Material Safety Data Sheet For Ready Mixed Concrete (plastic concrete, concrete slurry, concrete bleed water, wet concrete)	20-01-2020

* This document was provided commercial in confidence and is not publicly available.

14 CONDITIONS RELATING TO NOTIFICATION

- (a) the certificate holder notifies the product certification body in writing of any intended change to any of the following particulars:
- (i) the name, address, or contact details of the certificate holder:
 - (ii) any address of a location where a certified product is produced or manufactured:
- (b) the certificate holder notifies the product certification body in writing of any intended change, modification, or alteration to any of the following:
- (i) the certified building method or product:
 - (ii) the method of its production or manufacture:
 - (iii) the product quality plan prepared in respect of the certified building method or product:
 - (iv) the application or installation instructions for the certified building method or product:
 - (v) any documentation relating to the use and maintenance of the certified building method or product:
- (c) if the certificate holder has any reason to suspect that the certified building method or product does not comply with the Building Code, the certificate holder notifies the product certification body in writing of the reason for that suspicion:
- (d) if the certificate holder or the product certification body finds that a certified building method or product that has been released on the market does not comply with the Building Code, the certificate holder discloses that fact in disclosure statements published in a form that is acceptable to the product certification body and to the chief executive:
- (e) if the certificate is suspended or revoked, the certificate holder—
- (i) notifies all customers to whom the building method or product is regularly supplied; and
 - (ii) immediately ceases using the certificate, the mark of conformity, and any reference to the number of the certificate.

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