



# CERTIFICATE OF CONFORMITY

This is to certify that



## RibRaft® Floor System



### Product Description

The RibRaft® Floor System comprises of polystyrene pods, steel reinforcing rods, plastic spacers and Firth RaftMix concrete.

### Complies with the Building Code of New Zealand:

1. NZBC Clause B1 Structure: B1.3.1, B1.3.2 & B1.3.3.
2. NZBC Clause B2 Durability: B2.3.1 (a).
3. NZBC Clause E2 External Moisture: E2.3.3.
4. NZBC Clause F2 Hazardous Building Materials: F2.3.1.
5. NZBC Clause H1 Energy Efficiency: H1.3.1. Refer to limitation c.

### Product Purpose or Use

The RibRaft® Floor System is a method of concrete floor construction, offering an insulated floor with a quick, practical and efficient construction method.

### Subject to the following Conditions & Limitations:

- a. Must be installed in accordance with the RibRaft® Technical Manual (CBI3100/3111/3112/4711) (Jan 12).
- b. Specified products must be supplied by Firth Industries or an approved agency.
- c. The energy efficiency rating of the RibRaft® Floor System relates only to NZS 4214:2006 - Methods of determining the total thermal resistance of parts of buildings and is applicable only to the thermal efficiency of the floor system.
- d. This certification relates only the clauses of the NZBC as contained herein. Consequently the following clauses are excluded from the certification: C-E1-E3 these clauses are outside the scope of this Certificate. The need for compliance with the requirements of excluded clause in the use of the subject product are to be determined by the regulatory authority (building certifier or building surveyor).
- e. This certification relates only to the product that is described above, and has to be read, considered and used as a whole document — it may be considered misleading and will be incomplete to be selective.
- f. For further information contact the certificate holder.

### Certificate Holder

**Fletcher Concrete and Infrastructure Ltd**  
**T/A Firth Industries**  
 NZBN: 942903777548  
 585 Great South Road  
 Penrose Auckland NZ 1061  
**Ph:** 0800 800 576  
**W:** www.firth.co.nz

### Certification Body

**CertMark International Pty Ltd**  
 T/A CertMark New Zealand  
 ABN: 80 111 217 568  
 JAS-ANZ Accreditation No. Z4450210AK  
 PO Box 321 Tuakau 2121  
 www.CertMark.org

  
**John Thorpe**  
 CertMark International Pty Ltd

22/05/2014  
**Date of Issue**

Originally issued under CMNZ-2012-0522  
 Initially Issued 22/05/2012

CMA-CM40015 (Rev3)  
**Certificate Number**  
 Revised May 2015

- This certificate is issued by an independent certification body accredited by the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation & Employment (MBIE) under the Building Act 2004. MBIE does not in any way warrant, guarantee, or represent that the building method or product the subject of this certificate conforms to the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. MBIE 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
- 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 MBIE website, www.mbie.govt.nz
- This certificate may only be reproduced in its entirety.

