



CERTIFICATE OF CONFORMITY

This is to certify that

CSR Hebel

PowerPanel50 – 50mm External Wall System



Complies with the New Zealand Building Code:

1. B1.3.1, B1.3.2, B1.3.3 (a), (b), (c), (e), (f), (h), (i), (j), (l), (m), (q) & B1.3.4
2. B2.3.1 (b) & B2.3.2
3. C3.6, C3.7, C6.2, C6.3 & C6.4.
4. E2.3.2, E2.3.3 & E2.3.5
5. E3.3.1
6. F2.3.1
7. H1.3.1

Product Description

CSR Hebel PowerPanel50 – 50mm thick lightweight steel-reinforced Autoclaved Aerated Concrete (AAC) panels mounted vertically on cavity battens, screw fixed to the external load bearing wall. The exterior panel face is then sealed using an acrylic coating system.

Panel in-service density: 510kg/m³

Panel sizes: Up to 600mm wide and up to 2400mm long.

Product Purpose or Use

A non-loadbearing external wall cladding system that can be installed on timber or steel load bearing wall frames.

Subject to the following Conditions & Limitations:

- a. To be designed and installed in accordance with the Hebel PowerPanel50 External Wall System – New Zealand Design and Installation Guide (HELIT003 March 2017)
- b. All joinery used in conjunction with the system must meet the requirements of NZS 4211:2008 – Specifications for performance windows.
- c. For use in Importance Level 1 & Importance Level 2 buildings, as defined in NZS 3604:2011 – Timber-framed buildings Table 1.1, up to and including three storeys high and situated in wind zones up to and including Extra High as determined in NZS 3604:2011 – Timber-framed buildings.
- d. Where the building is situated in an Extra High Wind Zone or where the cladding system is used on an external wall frame without an internal lining, a rigid wall underlay shall be used.
- e. The use of Hebel PowerPanel50 – 50mm External Wall System as a fire rated system, in whole or in part, is restricted to: Buildings within risk group SH as defined by NZBC C/AS1 Clause 1.1.1
- f. For use as an external wall cladding on buildings where the wall face concerned has a building envelope risk matrix score of less than 20 as determined using Acceptable Solution E2/AS1 Section 3.
- g. Compliance with NZBC C6- Stability is also subject to the conditions of the Structural Design Statement 9295 issued by KCL Engineering Services dated 20th April 2016.
- h. The certificate holder must maintain compliance with the conditions set out in Section 15 of the Building (Product Certification) Regulations 2008
- i. 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.

Certificate Holder

CSR Building Products (NZ) Ltd. T/A CSR Hebel

Unit 3, 38b Birmingham Drive
Christchurch 8024 NZ
Ph: 03 336 5500
W: www.csrhebel.co.nz

Certification Body

CertMark International Pty Ltd

ABN: 80 111 217 568
JAS-ANZ Accreditation No. Z4450210AK
PO Box 321 Tuakau 2121
+64 (09) 951 8246
www.CertMark.org

John Thorpe
CertMark International Pty Ltd

21/08/2013

Date of Issue

CMA-CM40064 (Rev4)

Certificate Number

Revised March 2017

- 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
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