

Viblock

Building Product Information Requirements

Class 1 - Bricks



Details

Product names: 220, 390, 450 Series and Pressed Stones
Manufacturer: Viblock Limited
Website: www.viblock.co.nz
Address: 165 McPherson Rd, Earnscleugh, Alexandra 9391
Email: sales@viblock.co.nz
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NZBN: 9429035344124

Product Description

Viblock manufactures veneer products in various sizes, colours, and finishes for use as non-structural claddings. These products are required to be tied to structural elements of the build (timber frame or structural masonry) with a ventilation cavity.

Relevant Building Code Clauses

Viblock manufactures all veneer products in accordance with NZS4210 and AS/NZ4455 with independent testing to AS/NZ4456 from an IANZ-accredited lab. With appropriate design, construction and maintenance, Viblock veneers demonstrate compliance with;

§ B2- Durability: Performance clauses B2.3.1(a) and B2.3.2.

§ E2- External moisture: Performance clauses E2.3.2 and E2.3.3

§ F2- Hazardous materials: Performance clauses F2.3.1

Statement on how the building product is expected to contribute to compliance

Viblock veneer bricks are combined with other products such as mortar, brick ties, bed reinforcement, and sometimes coatings to make up a brick wall system. To ensure compliance with the NZ Building Code, design and detailing (including but not limited to cavity design, ties, cavity drainage, flashings, and control joints) need to comply with sections E2/AS1, or E2/AS3 of the NZBC, or NZS4229 as appropriate. Bricks in up-to-three-story construction can be specifically designed or comply with our website's Viblock Veneer specification document.

Durability—B2: Viblock brick veneer achieves the compressive strength required by NZS4210 to comply with the requirements of section B2 of the NZBC.

External Moisture—E2: Viblock brick veneers are classified as an acceptable solution per sections E2/AS1 (timber framing) and E2/AS3 (concrete support) and meet the requirements of the NZBC. The designer shall ensure that the detailing complies with E2/AS2 or AS3, as applicable.

Hazardous Building Materials - F2: Viblock bricks comply with the requirements of section F2.3.1 of the NZBC. Safety Data Sheets are available on our website.

Product limitations	<p>Viblock veneers are produced from natural materials, so slight variation is expected during manufacture. Minor chipping, cracking, rubbing, and efflorescence are not deemed product defects when evaluated and deemed compliant with ASTM C216-22 with viewing distance as per ASTM C90.</p> <p>Bricks can be used for structures within the scope of E2AS2 and E2AS3 and/or Viblock veneer specification documents or by Specific Engineering design.</p>
Installation requirements:	Viblock recommends using a master mason to install our veneer products. At a minimum, the installer should be a licensed building practitioner and have a good understanding of NZS4210.
Maintenance requirements:	Viblock recommends all products exposed to the elements are sealed. For up-to-date maintenance information, refer to the specification document on our website.
Is the building product line subject to a warning or ban under section 26?	No

