

Viblock

Building Product Information Requirements

Class 1 - Pavers



Details

Product names: Wetcast, Drycast, Drycast Permeable
Manufacturer: Viblock Limited
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Product Description

Viblock manufactures paving products in various sizes, colours, and finishes for use in commercial and residential areas. Depending on their intended use, these products are laid on specially prepared grounds.

Relevant Building Code Clauses

Viblock manufactures all paving products following NZS3116 with independent testing to AS/NZ4456 from an IANZ-accredited lab. With appropriate design, construction and maintenance, Viblock pavers demonstrate compliance with;

B1- Structure: Performance clauses B1.3.1 to B1.3.4

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

D1 – Assess Routes: Performance clauses D 1.3.3(d)

F2- Hazardous materials: Performance clauses F2.3.1

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

Viblock paving products are combined with other products to create a paved area, such as hard fill/concrete, bedding sand, joint sand, mortar, and sometimes coatings. The design and installation must comply with NZS3116 to ensure compliance with the NZBC. When paving in public spaces, compliance with the slip resistance requirements of clause D1 of the NZBC is required.

Structure—B1: The required breaking strength of concrete segment paving for the intended purpose is determined by others (Designers) who design according to NZS3116 or other recognised design standards. Where required, abrasion resistance values are specified as defined in NZS3116. Bedding and jointing sand, as well as granular materials, need to be used in accordance with NZS3116 or other recognised Design Standards.

Durability - B2: Compliance for Concrete Paving requires an appropriate specification for the intended purpose as defined in NZS3116, ensuring all components, including underlying ground conditions, are suitable.

Statement on how the building product is expected to contribute to compliance (cont.)	<p>Access Routes D1- The required surface skid resistance of surfaces for access routes is specified by others (Designer). D1/AS1 guides the performance of various surface textures. Compliance with D1 is achieved by others (Designers) specifying the required surface texture and/or appropriate skid resistance testing. Viblock paving is manufactured with a slip resistance classification of W as required by NZS3116 when tested to AS/NZS4586. Surface treatments such as sealing can reduce slip resistance, and therefore, sealing systems need to be selected by the designer and applied by the contractor with care.</p> <p>Hazardous Building Materials - F2: Viblock pavers comply with the requirements of section F2.3.1 of the NZBCS.</p>
Product limitations	<p>Viblock paving has different limitations depending on your selection. Generally, 40 – 60mm thick pavers are suitable for pedestrian foot traffic only. Permeable pavers need a subbase engineered for both structural and hydraulic aspects. Sealers used on our pavers may affect slip resistance, and we suggest discussing this with the sealing provider before installation.</p>
Installation and maintenance requirements	<p>Viblock has installation and maintenance information available on our website for the different paving choices available.</p>
Is the building product line subject to a warning or ban under section 26?	No

