



Building Product Information Sheet | Class 1

Product Name: Dricon® White Portland Cement

Product Line: Cement

Product Description & its intended use (*measurements, materials, usage*):

Dricon® White Portland Cement uses a range of carefully selected raw materials and is manufactured under strict quality control ensuring that the cement consistently reaches high standards of strength and durability. Dricon® White Portland Cement is tested to ensure that it meets and exceeds the minimum specification set out in Table 1 of NZS 3122.

Dricon® White Portland Cement is used in commercial, industrial and residential construction, including structural concrete, mortars, renders, grouts and cement-based products.

Product Identifier: N/A

Place of Manufacture: Malaysia

Legal & Trading name of Manufacturer(s): Fletcher Concrete & Infrastructure Limited

Address for Service: 810 Great South Road, Penrose, Auckland 1010

Website: www.dricon.co.nz

Email Address: info@firth.co.nz

Phone No.: 0800 DRICON

NZBN (If applicable): N/A



Relevant Building Code Clauses:

Dricon® White Portland Cement meet and exceed the minimum specification set out in table 1 of NZS 3122.

Cement is often used as a raw material for products such as concrete. Building code compliance statements should be sought from the manufactures of the finished product. Manufacturers should be able to demonstrate that with appropriate design, construction, and maintenance, buildings made with Dricon® White Portland Cement can be demonstrated to comply with:

B1-Structure
B2- Durability
C – Fire performance
F2- Hazardous materials

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

To ensure compliance with the NZBC, design to determine the performance requirements of products incorporating Dricon® White Portland Cement shall be conducted by suitably qualified persons familiar with a range of NZ cement and end product Standards. In addition, construction shall be conducted by appropriately skilled persons in strict accordance with the end product manufacturers recommendations. For concrete this would require construction in accordance with NZS 3109 and good trade practice.

Structure - B1: Compliance for cement is determined by achieving performance criteria specified by table 1 of NZS 3122. NZS3122 being the cement standard referenced in NZS3101 for concrete design and construction. Concrete production, placement, on site control, vibration, and curing is the responsibility of others.

Durability - B2: Compliance for cement is typically determined by determined by achieving performance criteria specified by table 1 of NZS 3122. Others (designers) determine the appropriate concrete solution and mix design required for the exposure category. Concrete production, placement, vibration, cover to reinforcement, and curing is the responsibility of others.

Fire Performance - C: Dricon® White Portland Cement is a non-combustible material. Fire ratings of concretes produced with Dricon® White Portland Cement are determined by NZS 3101.

Hazardous Building Materials - F2: Dricon® White Portland Cement comply with the requirements of section F2.3.1 of the NZBCS

Limitations on the use of the building product:

Dricon® White Portland Cement set and strength performance will vary due to materials and mix designs used in concrete manufacture and the finishing/curing techniques utilised, so some variability must be expected. Efflorescence, pinto, delamination, or colour variation is not deemed a Dricon® White Portland Cement defect as control is outside of the responsibility of Dricon. The control and management of cracking is the responsibility of the designer (appropriate positions of joints and reinforcement) or the concrete placer/builder (early age protection and curing).



Design requirements that would support the use of the building product:

Cement is a product which is combined with a range of other products such as sand, aggregates, hardfill, reinforcement, fibres, supports, anchors, structural steel, insulation, void forming pods, specialist surface finishes, jointing systems etc. to produce the end product. Cement is most often used as a raw material rather than a finished product.

To ensure compliance with the NZBC, definition of the performance requirements of Dricon® White Portland Cement shall be conducted by suitably qualified persons familiar with a range of NZ Design Standards and the preparation of specifications for construction.

Installation requirements:

Cement is a product which is combined with a range of other products such as sand, aggregates, hardfill, reinforcement, fibres, supports, anchors, structural steel, insulation, void forming pods, specialist surface finishes, jointing systems etc. to produce the end product.

To ensure compliance with the NZBC, use of Dricon® White Portland Cement in construction shall be conducted by appropriately skilled persons in strict accordance with the designer's specification, NZS3104, NZS3109 and good trade practice.

Maintenance Requirements:

N/A

Is the building product/building product line subject to warning or ban under section 26?: No

If yes, description of warning or ban under section 26:

Date: 8 December 2023