



Building Product Information Sheet | Class 1

Product Name: Dricon Handicrete, Handicrete HS, Civilcrete, Civilset

Product Line: Dricon Concrete Products

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

Dricon bagged concrete products are formulations containing cement, aggregates, sand and admixtures which when mixed with water form a concrete with a specified strength. Dricon concrete products are supplied under the trade names of Handicrete (HC), High Strength Handicrete (HH), Civilcrete (CC), and CivilSet (CS). The appropriate concrete product and the expected performance is described in the Dricon Product Manual.

Dricon concrete products are suitable for a range of small concrete projects as identified in the Dricon brochures. The 28-day compressive strength which can be achieved when correctly mixed is specified on the bag.

Product Identifier: N/a

Place of Manufacture: Aotearoa, New Zealand

Legal & Trading name of Manufacturer(s): FLETCHER CONCRETE AND INFRASTRUCTURE LIMITED

Address for Service: 810 Great South Road, Penrose, Auckland 1061

Website: www.firth.co.nz

Email Address: info@firth.co.nz

Phone No.: 0800 FIRTH 1

NZBN (If applicable): N/a



Relevant Building Code Clauses:

Dricon concrete products are designed for small concrete projects to achieve the strengths specified on the bags. Concrete is used predominately with reinforcement and building code compliance and is determined by other designers through appropriate specifications and the use of NZ Standards (NZS3101).

With appropriate design, construction and maintenance (see below), Dricon concrete products can demonstrate compliance with:

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

B2- Durability: Performance clauses B2.3.1 and B2.3.2.

D1- Assess Routes: Performance clauses D1.3.3(d)

F2- Hazardous materials: Performance clauses F2.3.1

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 the concrete shall be conducted by suitably qualified persons familiar with a range of NZ Design Standards. Construction shall be conducted by appropriately skilled persons in strict accordance with NZS3109 and good trade practice. The product must be mixed and used in accordance with the instructions printed on the bags.

B1-Structure: Compliance for concrete is determined by matching the Dricon concrete product 28 day compressive strengths with that specified by others (Designer) for a design compliant with design Standards such as NZS3101.

B2-Durability: Compliance for concrete is typically specified by others (Designers) by matching the Dricon concrete product's 28-day compressive strength with the requirements of design standards such as NZS3101.

D1-Assess Routes: The required surface skid resistance of trafficable surfaces for access routes is specified by others (Designer) D1/AS1 provides guidance on the performance of various surface textures. Compliance with D1 is achieved by others (Designer) specifying the required surface texture and/or confirmatory skid resistance testing.

Hazardous Building Materials - F2: Dricon Concrete products comply with the requirements of section F2.3.1 of the NZBCS

Safety data sheets are available on the Dricon website (www.dricon.co.nz)

Limitations on the use of the building product:

The texture and colour of Dricon Concrete Products will vary due to the natural materials used in manufacture and the finishing/curing techniques utilised, so some variability must be expected. Efflorescence, pinto, delamination, or colour variation is not deemed a Dricon product defect, as control is outside of the responsibility of Dricon. The control and management of concrete 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:

Concrete is a product that is combined with a range of other products such as hard fill, 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, design to determine the performance requirements of the concrete shall be conducted by suitably qualified persons familiar with a range of NZ Design Standards and the preparation of specifications for construction.

Installation requirements:

Concrete is a product that is combined with a range of other products such as hard fill, 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, construction shall be conducted by appropriately skilled persons in strict accordance with the designer's specification, NZS3109 and good trade practice.

It is important that the mixing instructions stated on the bag are followed.

Maintenance Requirements:

Dricon concrete products shall be maintained by annual inspection with cleaning as necessary specified by the designer.

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: N/a

Date: November 8, 2023