



# Building Product Information Sheet | Class 1

**Product Name:** Dricon Mortar Plaster and CivilPlast

**Product Line:** Dricon Plasters

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

Dricon plasters are formulations containing cement, sand and admixtures which when mixed with water form a traditional cement/sand plaster. Dricon products in this category are supplied under the trade name of Mortar Plaster (MP) and CivilPlast (CP). The appropriate use for the product and the expected performance are described in the Dricon Product Manual.

**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](http://www.firth.co.nz)

**Email Address:** [info@firth.co.nz](mailto:info@firth.co.nz)

**Phone No.:** 0800 FRITH 1

**NZBN (If applicable):** N/a



### **Relevant Building Code Clauses:**

Dricon Plasters are traditional cement/sand plasters typically used to achieve a desired aesthetic look. Traditionally used over brick veneers (with cavities) and concrete products used for landscaping. As an aesthetic product, there are no relevant building code clauses.

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

The requirements for exterior wall weather tightness systems where the plaster backing is either masonry, or concrete is described in CNZ CP:03 which is cited in E2/AS3. A NZBC E2 compliant system can be achieved when Dricon Plasters are combined with a masonry veneer substrate containing a min 40mm cavity and detailing compliant with CNZ CP01. The plaster should be painted with a pigmented acrylic coating with a dry film thickness of at least 80 microns with no less than two coats applied.

Plaster use for a range of substrates is described in NZS 4251. Typically, this process involves the application of multiple layers (bond/scratch coat, flanking coat, finishing coat and paint). Each layer containing a different combination of cement, sand and lime. The Standard also provides guidance on detailing, reinforcing, joints, curing and installation. Dricon Mortar plaster can be modified with the use of limestone to develop a NZS4251 system. However traditional NZS4251 plastering is a very skilled activity and should only be conducted by skilled practitioners experience in the application of NZS4251 compliant plasters.

Safety data sheets are available on the Dricon website ([www.dricon.co.nz](http://www.dricon.co.nz))

### **Limitations on the use of the building product:**

Efflorescence (coloured deposits, often white and powdery or calcified, which sometimes form on concrete and plaster products) is not deemed to be a defect as it is a natural part of the curing process. Efflorescence is a temporary phenomenon that may manifest, at any time, for undefinable periods of time and with varying severity. Its management is outside of the control of Dricon and in general, it is recommended to let it run its course. If desired, methods and products to reduce/remove efflorescence are available from Dricon stockists.

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

Texture and colour variations due to the natural materials used in manufacturing can occur in plaster products and are not deemed a product defect. Dricon makes every endeavour to manufacture a consistent colour from batch to batch, however, if the manufacturing dates (batch number) differ from bag to bag, it is advisable to double-check the mortar colours first use to ensure consistency.

Consistent shades and colours of any given mortar may not be achieved if the mixing time and/or amount of water added when mixing is varied from mix to mix.

### **Installation requirements:**

Plaster products shall be installed by suitably trained persons familiar with the products and NZ Standards.

Refer Technical dataset on the website for more detailed information.

### **Maintenance Requirements:**

Trade plaster products shall be maintained by annual inspection with cleaning repainting and repair of any cracks as necessary.

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**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:** 8 November, 2023