



PRODUCT TECHNICAL STATEMENT - RESIDENTIAL

PRODUCT DESCRIPTION

Firth Concrete Segmental Paving is available in a range of colours under 4 product groupings- The Designer Range, Classic Collection, Driveway Paving, and Permeable Paving. The generic product dimension sizes being:

Length	Width	Thickness
200 to 500mm	100 to 500mm	50mm (60, 80mm to order on selective products)

Firth manufactures its concrete segmental paving products to NZS3116 with testing to AS/NZS4456 with an independently audited quality management system confirming to AS/NZS ISO9001.

SCOPE OF USE

Firth Concrete Segmental Paving Range is suitable for use on a variety of residential hardstand applications when designed and installed in accordance with NZS3116.

COMPLIANCE WITH THE NEW ZEALAND BUILDING CODE

Concrete segmental paving are products which are combined with other products such as hardfill, bedding sand, joint sand, and sometimes coatings, to make up a system such as a paved area. To ensure compliance with the NZBC, design needs to comply with NZS3116. Installation of the paving system also needs to confirm to NZS3116, and the Firth's Paving + Retaining Outdoor Concepts brochure. The Designer Series range shall be sealed by the installer. Sealing helps to increase long term durability, aid colour retention, and reduce maintenance. The Firth documents are available for free download on the Firth website.

When paving forms part of the access route to which the public have access compliance with the slip resistance requirements of clause D1 of the NZBC is required.

Access Routes- D1: Firth Segmental Paving Range without sealers has been tested to demonstrate compliance with the slip resistance requirements of 2.1.1 of clause D1 for level access routes. Sealers, depending upon the product used, may reduce the slip resistance. However, when necessary, additives can be added to the sealers to enhance slip resistance. When sealers are proposed seek advice from the sealer manufacturer.

Hazardous Building Materials-F2: Firth Concrete Segmental Paving Range comply with the requirements of section F2.3.1 of the NZBC.

APPEARANCE

The texture and colour of Firth concrete paving products may vary due to the natural materials used in manufacture. Efflorescence is not deemed a product defect as control is outside of the influence of the manufacture.

MAINTENANCE

Firth Concrete Segmental paving products shall be maintained by annual inspection and cleaning as necessary. Recommendations on maintenance are provided in Firth's Paving + Retaining Outdoor Concepts brochure.
