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## NZS 3116:2002 Concrete segmental and flagstone paving

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### Abbreviation

NZS 3116:2002

### Amendment

Amendment 1 - incorporated. Published 26/02/2009.

### Valid from

06/03/2002

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### Information provider

Standards New Zealand

### Author

Standards New Zealand

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New Zealand Standard

### Format

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### Description

Sets out provisions for the non-specific engineering design and construction of pavements using segmental and flagstone pavers. It also provides New Zealand variations to paver manufacture and tests in relation to AS/NZS 4455 and AS/NZS 4456.

### Scope

This Standard is in three parts. General clauses are contained in Part 1. The manufacture, testing, acceptance, and supply of concrete segmental pavers and flagstones are contained in AS/NZS 4455 and AS/NZS 4456, and further requirements are contained in Part 2. The design and construction of the concrete segmental and flagstone paving is covered in Part 3.

Pavement loadings described in this Standard range from highway traffic to pedestrian use. Pavements carrying special purpose traffic loading shall be the subject of specific engineering design. Flagstone pavements carrying road traffic are outside the scope of this Standard, and therefore require specific engineering design. The interlocking pavers and bedding are alternatives to part or all of the surfacing and base course in conventional flexible pavement construction.

Pavements constructed in accordance with this Standard are suited to traffic speeds of up to 60 km/h with respect to ride characteristics, noise level and skid resistance.

Pavers used in this Standard are of a plan size not exceeding 0.08 m<sup>2</sup>, a width to length ratio not exceeding 2 and thicknesses ranging from 40 mm to 80 mm.

Flagstones used in this Standard are of a plan size exceeding 0.08 m<sup>2</sup>, a width to length ratio not exceeding 2 and thicknesses ranging from 40 mm to 60 mm. This Standard does not cover the design and construction of permeable pavements.

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New Zealand Standards

- [AS/NZS 4455:1997](#)

NZS 3116:2002 cites AS/NZS 4455:1997 Masonry units and segmental pavers

- [AS/NZS 4456:2003](#)

NZS 3116:2002 cites AS/NZS 4456:2003 Masonry units, segmental pavers and flags - Methods of test

- [AS/NZS 4586:2004](#)

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- [NZS 3103:1991](#)

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