



MALAYSIAN STANDARD

MS EN 1338:2022

Concrete paving blocks – Requirements and test methods (EN 1338:2003)

ICS: 93.080.20

Descriptors: paving blocks, concrete, test methods

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Committee representation

The National Standards Committee on Building, Construction and Civil Engineering (NSC 04) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia
Construction Industry Development Board Malaysia
Department of Irrigation and Drainage Malaysia
Department of Standards Malaysia (Secretariat)
Federation of Malaysian Manufacturers
Jabatan Bomba dan Penyelamat Malaysia
Jabatan Kerajaan Tempatan
Jabatan Kerja Raya Malaysia
Malaysian Iron and Steel Industry Federation
Malaysian Timber Industry Board
Master Builders Association Malaysia
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Real Estate and Housing Developers' Association Malaysia
Suruhanjaya Perkhidmatan Air Negara
The Cement and Concrete Association of Malaysia
The Institution of Engineers, Malaysia
Universiti Putra Malaysia
Universiti Sains Malaysia
Universiti Teknologi MARA

The Technical Committee on Bricks and Blocks (NSC 04/TC 13) which supervised the adoption of the EN Standard as Malaysian Standard consists of representatives from the following organisations:

Construction Industry Development Board Malaysia
Department of Standards Malaysia (Secretariat)
Jabatan Bomba dan Penyelamat Malaysia
Jabatan Kerja Raya Malaysia
Master Builders Association Malaysia
Pertubuhan Akitek Malaysia
Real Estate and Housing Developers' Association Malaysia
SIRIM QAS International Sdn Bhd
The Cement and Concrete Association of Malaysia
Royal Institution of Surveyors Malaysia
The Institution of Engineers, Malaysia
Universiti Sains Malaysia
Universiti Teknologi Malaysia

Co-opted members:

ASC Tiles Sdn Bhd
Sunway Paving Solutions Sdn Bhd

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National foreword

The adoption of the EN Standard as a Malaysian Standard was recommended by the TC on Bricks and blocks (NSC 04/TC 13) under the authority of the Building, Construction and Civil Engineering National Standards Committee (NSC 04).

This Malaysian Standard is identical with EN 1338:2003, *Concrete paving blocks – Requirements and test methods*, published by the European Committee for Standardization (CEN). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, "this European Standard" should read as "this Malaysian Standard";
- b) the comma which is used as a decimal sign (if any), to read as a decimal point;
- c) Clause 5.1, paragraph four (4) should be read as "An arris described as square may be bevelled or rounded, its horizontal or vertical dimensions shall not exceed 2 mm or shall be declared by the manufacturer".
- d) Annex D not applicable in this standard;
- e) Clause 5.3.3.3, "Durability of strength" denoted as "Non-degradation of strength" for implementation in Malaysia;
- f) Clause 5.3.3.3 and 5.3.5.3, the word "precast" is equal to "paving" for implementation in Malaysia;
- g) Clause 5.3.5.3, "Durability of slip/skid resistance" denoted as "Non-degradation of slip or skid resistance";
- h) Clause 5.4.2 and 5.4.3, "purchaser" denoted as "client";
- i) Clause 6.2.3, type testing from accredited laboratory is allowable;
- j) incorporation of tradition and practice in the use of concrete paving blocks in Malaysia as of National Annex.

This Malaysian Standard cancel and replaces MS 1380:1995, *Specification for precast concrete paving blocks*.

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Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.