

	Concrete paving blocks Requirements and test methods English version of DIN EN 1338	<b>DIN</b> <b>EN 1338</b>
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ICS 93.080.20

Supersedes DIN 18501,  
November 1982 edition.

Pflastersteine aus Beton – Anforderungen und Prüfverfahren

**European Standard EN 1338 : 2003 has the status of a DIN Standard.***A comma is used as the decimal marker.***Transitional period**

It should be noted that in Germany DIN 18501 may continue to be used until 28 February 2005.

**National foreword**

This standard has been prepared by CEN/TC 178 'Paving units and kerbs' (Secretariat: United Kingdom). The responsible German body involved in its preparation was the *Normenausschuss Bauwesen* (Building and Civil Engineering Standards Committee), Technical Committee 10.02.01 *Pflastersteine, Platten und Bordsteine aus Beton*.

DIN 53512 is the standard corresponding to International Standard ISO 4662 referred to in clause 2 of the EN.

**Amendments**

DIN 18501, November 1982 edition, has been superseded by the specifications of EN 1338.

**Previous editions**

DIN 18501: 1964-09, 1978-02, 1982-11.

**National Annex NA****Standard referred to**

(and not included in **Normative references**)

DIN 53512 Determining the rebound resilience of rubber using the Schob pendulum

EN comprises 65 pages.



**English version**

**Concrete paving blocks**  
Requirements and test methods

Pavés en béton – Prescriptions et méthodes d'essai

Pflastersteine aus Beton – Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 2002-10-16.

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

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European Committee for Standardization  
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Europäisches Komitee für Normung

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## Foreword

This document (EN 1338:2003) has been prepared by Technical Committee CEN/TC 178 "Paving units and kerbs", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2003, and conflicting national standards shall be withdrawn at the latest by February 2005.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with the Construction Products Directive see informative Annex ZA, which is an integral part of this document.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

No existing European Standard is superseded.

The annexes B, C, D, E, F, G, H, I and J are normative, the annexes A, K and ZA are informative.



## 1 Scope

This European Standard specifies materials, properties, requirements and test methods for unreinforced cement bound concrete paving blocks and complementary fittings. It is applicable to precast concrete paving blocks and complementary fittings for pedestrian use, vehicular use and roof coverings, e.g. footpaths, precincts, cycle tracks, car parks, roads, highways, industrial areas (including docks and harbours), aircraft pavements, bus stations, petrol filling stations.

In case of regular use of studded tyres additional requirements are sometimes needed.

This standard does not deal with the tactility or visibility of blocks nor with permeable blocks.

This standard provides for the product marking and the evaluation of conformity of the product to this European Standard.

## 2 Normative references

This European Standard incorporates by dated and undated references, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies (including amendments).

EN 10083-2, *Quenched and tempered steels — Part 2: Technical delivery conditions for unalloyed quality steels*.

EN 13369, *Common rules for precast concrete products*.

EN ISO 4288, *Geometric product specification (GPS) - Surface texture: Profile method - Rules and procedures for the assessment of surface texture (ISO 4288:1996)*.

EN ISO 6506-1, *Metallic materials - Brinell hardness test - Part 1: Test method (ISO 6506-1:1999)*.

EN ISO 6506-2, *Metallic materials - Brinell hardness test - Part 2: Verification and calibration of testing machines (ISO 6506-2:1999)*.

EN ISO 6506-3, *Metallic materials - Brinell hardness test - Part 3: Calibration of reference blocks (ISO 6506-3:1999)*.

ISO 48, *Rubber, vulcanized or thermoplastic — Determination of hardness (hardness between 10 IRHD and 100 IRHD)*.

ISO 4662, *Rubber — Determination of rebound resilience of vulcanizates*.

ISO 7619, *Rubber — Determination of indentation hardness by means of pocket hardness meters*.

ISO 7873, *Control charts for arithmetic average with warning limits*.

ISO 7966, *Acceptance control charts*.

ISO 8486-1, *Bond abrasives — Determination and designation of grain size distribution — Macrogrits F4 to F220*.