

## **Betoonist sillutiseplaadid. Nõuded ja katsemeetodid**

Concrete paving flags - Requirements and test methods

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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English version

## Concrete paving flags - Requirements and test methods

Dalles de trottoir en béton - Prescriptions et méthodes  
d'essai

Platten aus Beton - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 16 October 2002.

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## Foreword

This document (EN 1339:2003) 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of an identical text or by endorsement, at the latest by November 2003, and conflicting national standards shall be withdrawn at the latest by February 2005.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 Mandates M/119 and M/121 given to CEN by the European Commission and the Free Trade Association and supports the essential requirements of EU Directives.

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 cement bound unreinforced concrete paving flags and complementary fittings.

It is applicable to precast concrete paving flags and complementary fittings that are for use in trafficked paved areas and roof coverings.

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

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

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*.

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

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

ISO 48, *Rubber, vulcanised 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*.