

Keraamilised sillutuskivid. Nõuded ja katsemeetodid

Clay pavers - Requirements and test methods

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NATIONAL FOREWORD

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English Version

Clay pavers - Requirements and test methods

Pavés en terre cuite - Spécifications et méthodes d'essai

Pflasterziegel - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 18 July 2013.

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Foreword

This document (EN 1344:2013) 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of an identical text or by endorsement, at the latest by April 2014, and conflicting national standards shall be withdrawn at the latest by April 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1344:2002.

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 relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

The main changes with respect to the previous edition are listed below:

- test method for slip and skid resistance: now has a reference to CEN/TS 16165;
- change in load apply with the method for the determination of transverse breaking strength;
- Annex ZA: revised content.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies the requirements of pavers and accessories manufactured from clay for use in the flexible form of construction (see 3.10) and in the rigid form of construction (see 3.11).

This European Standard applies to rectangular and other shaped units intended as construction products in pavements mainly for exterior use, including roofs as roof paving units, but which may also be used internally. The flexible form of construction is subjected to pedestrian and vehicular traffic, while the rigid form of construction is usually subjected to pedestrian traffic.

This European Standard specifies the characteristics and classes of performance and corresponding test methods. It provides for product marking and for the evaluation of conformity of the product to this European Standard.

This European Standard covers only clay pavers and accessories with or without coatings and with or without post firing chemical treatment which do not contain any material with asbestos fibres nor contain formaldehyde.

It excludes products intended for refractory and chemical engineering applications and clay floor tiles. It also excludes clay masonry units.

This European standard does not cover clay pavers having tactile surfaces.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1745, *Masonry and masonry products — Methods for determining thermal properties*

EN 13501-1, *Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests*

EN 13501-5, *Fire classification of construction products and building elements — Part 5: Classification using data from external fire exposure to roofs tests*

CEN/TS 16165:2012, *Determination of slip resistance of pedestrian surfaces — Methods of evaluation*

ISO 630 (all parts), *Structural steels*

ISO 3310-1, *Test sieves — Technical requirements and testing — Part 1: Test sieves of metal wire cloth*

ISO 8486-1, *Bonded abrasives — Determination and designation of grain size distribution — Part 1: Macrogrits F4 to F220*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

clay paver

unit satisfying certain shape and dimensional requirements (see 4.1) used for the surface course of pavements and manufactured predominantly from clay or other argillaceous material, with or without any additions, by shaping, drying and firing at a sufficiently high temperature to form a durable ceramic product