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TOOTED PÕRANDATELE JA TREPPIDELE (SISE- JA
VÄLISKASUTUS)

Agglomerated stone - Slabs and cut-to-size products for
flooring and stairs (internal and external)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

| | |
|---|--|
| See Eesti standard EVS-EN 16954:2018 sisaldab Euroopa standardi EN 16954:2018 ingliskeelset teksti. | This Estonian standard EVS-EN 16954:2018 consists of the English text of the European standard EN 16954:2018. |
| Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas. | This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation. |
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EUROPEAN STANDARD

EN 16954

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Agglomerated stone - Slabs and cut-to-size products for flooring and stairs (internal and external)

Pierre agglomérée - Plaques et produits coupés sur mesure pour revêtements de sols et escaliers (intérieurs et extérieurs)

Künstlich hergestellter Stein - Platten und zugeschnittene Produkte für Boden- und Stufenbeläge (innen und außen)

This European Standard was approved by CEN on 27 December 2017.

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European foreword

This document (EN 16954:2018) has been prepared by Technical Committee CEN/TC 246 “Natural stones”, the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by November 2018 and conflicting national standards shall be withdrawn at the latest by February 2020.

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

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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

This European Standard is one of a series of standards for specifications of agglomerated stone products which includes the following:

- EN 15285, *Agglomerated stone — Modular tiles for flooring and stairs (internal and external)*
- EN 16954, *Agglomerated stone — Slabs and cut-to-size products for flooring and stairs (internal and external)* [the present document]
- EN 15286, *Agglomerated stone — Slabs and tiles for wall finishes (internal and external)*
- EN 15388, *Agglomerated stone — Slabs and cut-to-size products for vanity and kitchen tops*

NOTE An overview on standards for agglomerated stone products is given below.

| Standards for agglomerated stone products | | | |
|--|--|---|---|
| <i>Harmonized product standards</i> | EN 15285 <i>Modular tiles for flooring and stairs (int. and ext.) (under M/119)</i> | EN 16954 <i>Slabs and cut-to-size products for flooring and stairs (int. and ext.) (under Mandate M/119)</i> | EN 15286 <i>Cladding slabs and tiles for wall finishes (int. and ext.) (under Mandate M/121)</i> |
| <i>Non-harmonized product standards</i> | EN 15388 <i>Slabs and cut-to-size products for vanity and kitchen tops</i> | | |
| <i>Main supporting standards</i> | EN 14617 (all parts), <i>Test methods</i> | EN 14618, <i>Terminology and classification</i> | |

According to the CEN-CENELEC Internal Regulations, the national standards organizations 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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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1 Scope

This European Standard specifies characteristics and appropriate test methods for slabs and cut to size products (cut to size slabs, special pieces, treads and risers) of agglomerated stones, which are made for use as flooring and stairs in pedestrian areas for internal and external uses including those in enclosed public transport premises. It also provides for the assessment and verification of constancy of performance (AVCP) and marking of the products to the requirements of this European Standard.

This European Standard covers tactility but only for products the intended use of which requires this performance.

This European Standard does not cover visibility requirements. Rough slabs are excluded from the scope of this European Standard.

Products covered by the standards EN 15285, EN 13198, EN 13748-1 and EN 13748-2 are also excluded from the scope of the present European Standard.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 13373, *Natural stone test methods - Determination of geometric characteristics on units*

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

EN 14617 (all parts), *Agglomerated stone - Test methods*

EN 14618, *Agglomerated stone - Terminology and classification*

CEN/TS 15209, *Tactile paving surface indicators produced from concrete, clay and stone*

CEN/TS 16165:2016, *Determination of slip resistance of pedestrian surfaces - Methods of evaluation*

EN ISO 10456, *Building materials and products - Hygrothermal properties - Tabulated design values and procedures for determining declared and design thermal values (ISO 10456)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 14618 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

rough slab

semi-finished agglomerated stone product with edges obtained either by sawing from a block or by moulding, the size of which is given by nominal dimensions (length - width -, thickness, in this order), expressed in millimetres and the surface of which may or may not be the finished surface

Note 1 to entry: Examples are given in Figure 1.