

Natural stone - Rough blocks - Requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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ICS 73.020, 91.100.15

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English Version

Natural stone - Rough blocks - Requirements

Pierres naturelles - Blocs bruts - Exigences

Natursteine - Rohblöcke - Anforderungen

This European Standard was approved by CEN on 19 September 2022.

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European foreword

This document (EN 1467:2022) 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of an identical text or by endorsement, at the latest by April 2023, and conflicting national standards shall be withdrawn at the latest by April 2023.

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 supersedes EN 1467:2012.

The main technical changes in comparison to EN 1467:2012 are:

- new definition of the commercial size of a rough block in 3.4;
- measurement criteria for the commercial size changed;
- requirements for the Factory Production Control (FPC), including specimens for testing, are presented in greater detail in 6.3.1.

This document is one of a series of standards for requirements of natural stone products which includes the following:

- EN 1467, *Natural stone — Rough blocks — Requirements*
- EN 1468, *Natural stone — Rough slabs — Requirements*
- EN 1469, *Natural stone products — Slabs for cladding — Requirements*
- EN 12057, *Natural stone products — Modular tiles — Requirements*
- EN 12058, *Natural stone products — Slabs for floors and stairs — Requirements*
- EN 12059+A1, *Natural stone products — Dimensional stone work — Requirements*

Other standards on natural stone are produced by

a) CEN/TC 178

- 1) EN 1341, *Slabs of natural stone for external paving — Requirements and test methods*
- 2) EN 1342, *Setts of natural stone for external paving — Requirements and test methods*
- 3) EN 1343, *Kerbs of natural stone for external paving — Requirements and test methods*

b) CEN/TC 128

- 1) EN 12326-1, *Slate and stone products for discontinuous roofing and cladding — Part 1: Product specification*
- 2) EN 12326-2, *Slate and stone products for discontinuous roofing and cladding — Part 2: Methods of test for slate and carbonate slate*

c) CEN/TC 125

1) EN 771-6, *Specification for masonry units — Part 6: Natural stone masonry units*

Other standards are relevant to stone aggregates for concrete, roads, railways and armourstone.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

1 Scope

This document specifies requirements for rough blocks of natural stone from which products for use in building or commemorative stones and other similar applications are made.

It does not apply to artificially agglomerated stony material nor installation.

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.

NOTE Besides the European Standards for test methods mentioned in this clause, there exist further standards which can be used for scientific examinations, but which are not relevant for the application in practice according to this document.

EN 1936, *Natural stone test methods — Determination of real density and apparent density, and of total and open porosity*

EN 12372, *Natural stone test methods — Determination of flexural strength under concentrated load*

EN 12407, *Natural stone test methods — Petrographic examination*

EN 12440, *Natural stone — Denomination criteria*

EN 12670, *Natural stone — Terminology*

EN 13161, *Natural stone test methods — Determination of flexural strength under constant moment*

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

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 12670 and the following apply.

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

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

3.1

dimensions of a rough block

length l , width b and height h , given in the stated sequence in metres to two decimals places

3.1.1

length

l

greater side in a natural layer where appropriate

3.1.2

width

b

smaller side in the natural layer or at right angles to length