

Natural stone — Rough blocks — Requirements

The European Standard EN 1467:2003 has the status of a
British Standard

ICS 73.020; 91.100.15

National foreword

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- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 15 and a back cover.

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This British Standard, was published under the authority of the Standards Policy and Strategy Committee on 19 December 2003

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ISBN 0 580 43137 1

Amendments issued since publication

Amd. No.	Date	Comments

English version

Natural stone - Rough blocks - Requirements

Pierres naturelles - Blocs bruts - Spécifications

Naturstein - Rohblöcke - Anforderungen

This European Standard was approved by CEN on 1 September 2003.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document EN 1467:2003 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of an identical text or by endorsement, at the latest by June 2004, and conflicting national standards shall be withdrawn at the latest by June 2004.

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

EN 1467, *Natural stone products - Rough blocks - Requirements.*

EN 1468, *Natural stone products - Rough slabs – Requirements.*

prEN 1469:2002, *Natural stone products- Slabs for claddings - Requirements.*

prEN 12057:2002, *Natural stone products - Modular tiles - Requirements.*

prEN 12058:2002, *Natural stone products - Slabs for floors and stairs - Requirements.*

prEN 12059:2003, *Natural stone products - Dimensional stone work- Requirements.*

Other standards on natural stone are produced by

CEN/TC 178

EN 1341, *Slabs of natural stone for external paving - Requirements and test methods*

EN 1342, *Setts of natural stone for external paving - Requirements and test methods*

EN 1343, *Kerbs of natural stone for external paving - Requirements and test methods*

CEN/TC 128

EN 12326-2, *Slate and stone products for discontinuous roofing and cladding - Part 2: Methods of test*

prEN 12326-1:2003, *Slate and stone products for discontinuous roofing and cladding - Part 1: Product specification*

CEN/TC 125

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 (under study within CEN/TC 154)

Annex A is normative.

This document includes a Bibliography.

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.

1 Scope

This European Standard 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 cover artificially agglomerated stony material and does not cover installation.

2 Normative references

This European Standard incorporates by dated or undated reference, 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 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.*

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 standard.

3 Terms and definitions

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

3.1 rough block

basis of the usable stone consisting of rocks obtained directly from quarries or erratics, with no processing whatsoever excepted extraction and shaping by cutting or splitting

3.2 shapeless rough block

rough block without regular shape and size

3.3 squared rough block

rough block which corresponds approximately to a regular parallelepiped

NOTE Normally the ratio obtainable by dividing the mass of the squared rough block by the apparent density should be bigger than 80% of the gross size; in case such a ratio is equal or less than 80% then the block is considered a shapeless rough block.

3.4 rough block of specific size

squared rough block with certain given dimensions