



**NSAI**  
Standards

Irish Standard  
I.S. EN 1468:2012

# Natural stone - Rough slabs - Requirements

## I.S. EN 1468:2012

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

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SWIFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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English Version

## Natural stone - Rough slabs - Requirements

Pierres naturelles - Tranches brutes - Exigences

Naturstein - Rohplatten - Anforderungen

This European Standard was approved by CEN on 9 March 2012.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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 CEN-CENELEC Management Centre has the same status as the official versions.

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## Foreword

This document (EN 1468:2012) 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of an identical text or by endorsement, at the latest by October 2012, and conflicting national standards shall be withdrawn at the latest by October 2012.

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 1468:2003.

This European Standard 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, *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.

**I.S. EN 1468:2012**

**EN 1468:2012 (E)**

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, 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 requirements for rough slabs of natural stone from which products for use in buildings or commemorative stones and other similar applications are made.

It does not cover artificially agglomerated stony material nor installation.

## 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 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 12670:2001, *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 European Standard.

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 12670:2001 and the following apply.

### 3.1

#### **commercial size of a rough slab**

size obtained by reducing net length and net width by 0,03 m

### 3.2

#### **dimensions of a rough slab**

length, width (height) and thickness of a rough slab

Note 1 to entry: Dimensions are given in metres to two decimal places for length and width, and in millimetres for thickness.

### 3.3

#### **gross size of a rough slab**

size corresponding to the minimum circumscribed rectangle

### 3.4

#### **net size of a rough slab**

size corresponding to the greatest inscribed rectangle

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