DIN EN 459-1



ICS 91.100.10

Supersedes DIN EN 459-1:2010-12 See start of application

Building lime -

Part 1: Definitions, specifications and conformity criteria; English version EN 459-1:2015, English translation of DIN EN 459-1:2015-07

Baukalk -

Teil 1: Begriffe, Anforderungen und Konformitätskriterien; Englische Fassung EN 459-1:2015, Englische Übersetzung von DIN EN 459-1:2015-07

Chaux de construction -

Partie 1: Définitions, spécifications et critères de conformité;

Version anglaise EN 459-1:2015,

Traduction anglaise de DIN EN 459-1:2015-07

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Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



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A comma is used as the decimal marker.

Start of application

The start of application of this standard is 2015-07-01.

It should be noted that, in Germany, CE conformity marking of construction products will be permitted once this standard has been listed in the Official Journal of the European Union and/or the *Bundesanzeiger* (German Federal Gazette) and from the date given therein.

For further information, users of this standard should refer to the websites of the European Commission or of the relevant building authority.

The standard which this document replaces, DIN EN 459-1:2010-12, may be used in parallel with this standard during a specified transition period where such has been laid down in the Official Journal of the European Union and/or the *Bundesanzeiger* (German Federal Gazette).

National foreword

This document (EN 459-1:2015) has been prepared by Technical Committee CEN/TC 51 "Cement and building limes" (Secretariat: NBN, Belgium).

The responsible German body involved in its preparation was the *DIN-Normenausschuss Bauwesen* (DIN Standards Committee Building and Civil Engineering), Working Committee NA 005-06-24 AA *Baukalk, SpA zu CEN/TC 51/WG 11.*

Amendments

This standard differs from DIN EN 459-1:2010-12 as follows:

a) the standard has been brought in line with the Construction Products Regulation (Regulation (EU) No 305/2011).

Previous editions

DIN EN 459-1: 2010-12

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 459-1

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English Version

Building lime - Part 1: Definitions, specifications and conformity criteria

Chaux de construction - Partie 1: Définitions, spécifications et critères de conformité

Baukalk - Teil 1: Begriffe, Anforderungen und Konformitätskriterien

This European Standard was approved by CEN on 16 February 2015.

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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DIN EN 459-1:2015-07 EN 459-1:2015 (E)

Foreword

This document (EN 459-1:2015) has been prepared by Technical Committee CEN/TC 51 "Cement and building limes", the secretariat of which is held by NBN.

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 2015, and conflicting national standards shall be withdrawn at the latest by January 2017.

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 459-1:2010.

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

For relationship with Regulation (EU) No. 305/2011, see informative Annex ZA, which is an integral part of this document.

EN 459, Building lime, consists of the following parts:

- Part 1: Definitions, specifications and conformity criteria;
- Part 2: Test methods;
- Part 3: Conformity evaluation.

The requirements in EN 459-1 are based on the results of tests on building lime determined in accordance with EN 459-2.

Annexes A and D are normative, Annexes B, C and ZA are informative.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

The revision of this European Standard for building lime was initiated by Decision 4 taken by CEN/TC 51 "Cement and building limes" in 2013.

Different sources of raw materials and different climatic conditions have led to different developments in building construction and civil engineering practices and materials and therefore to different kinds of building lime in different regions of Europe.

The inclusion of a wider range of building lime which exists in Europe has made it necessary to establish a number of classes.

The previous national standards for building lime generally also formed the basis for different areas of application (see Annex C (informative)). The classification chosen therefore also takes into consideration these circumstances as far as possible.

For a better understanding, the standard makes a clear distinction between air lime (Clause 4) and lime with hydraulic properties (Clause 5). Depending on the composition and characteristics of the products, each clause is then divided into sub-paragraphs (calcium lime and dolomitic lime for air lime; natural hydraulic lime, formulated lime and hydraulic lime for lime with hydraulic properties) containing the appropriate definitions, specifications and conformity criteria.