



NSAI
Standards

Irish Standard
I.S. EN 459-2:2010

Building lime - Part 2: Test methods

I.S. EN 459-2:2010

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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English Version

Building lime - Part 2: Test methods

Chaux de construction - Partie 2: Méthodes d'essai

Baukalk - Teil 2: Prüfverfahren

This European Standard was approved by CEN on 30 July 2010.

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Foreword

This document (EN 459-2:2010) 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of an identical text or by endorsement, at the latest by March 2011, and conflicting national standards shall be withdrawn at the latest by March 2011.

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 459-2:2001.

The following modifications have been made from EN 459-2:2001:

- description of chemical procedures for CaO, MgO, CO₂ gravimetrically, SO₃ and loss on ignition;
- amendments for the determinations of free water and available lime;
- description of the methods for particle size determination;
- description of the determination of setting times;
- amendments for the determination of strength;
- editorial changes were made and minor mistakes corrected.

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 existing standards from the EN 196 series were used as a basis for the testing of physical and mechanical properties in EN 459-2. For the testing of chemical properties of building limes, test methods described in EN 12485 have been incorporated into this European Standard.

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 and the United Kingdom.

Introduction

The objective in this European Standard has been to adopt as many European standardized methods as possible and where this has not been possible to use other appropriate proven methods.

Unless otherwise stated, tolerance class m of ISO 2768-1:1989 should be applied (indications on drawings by "ISO 2768-m").

All dimensions are in millimetres.

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