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Irish Standard
I.S. EN ISO 1927-7:2012

Monolithic (unshaped) refractory products - Part 7: Tests on pre-formed shapes (ISO 1927-7:2012)

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 1927-7

December 2012

ICS 81.080

Supersedes EN 1402-7:2003

English Version

Monolithic (unshaped) refractory products - Part 7: Tests on pre-formed shapes (ISO 1927-7:2012)

Produits réfractaires monolithiques (non façonnés) - Partie 7: Essais sur pièces pré-formées (ISO 1927-7:2012)

Ungeformte (monolithische) feuerfeste Erzeugnisse - Teil 7: Prüfungen an Fertigteilen (ISO 1927-7:2012)

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Foreword

This document (EN ISO 1927-7:2012) has been prepared by Technical Committee ISO/TC 33 "Refractories" in collaboration with Technical Committee CEN/TC 187 “Refractory products and materials” the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by June 2013, and conflicting national standards shall be withdrawn at the latest by June 2013.

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.

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INTERNATIONAL STANDARD

ISO 1927-7

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Monolithic (unshaped) refractory products —

Part 7: Tests on pre-formed shapes

Produits réfractaires monolithiques (non façonnés) —

Partie 7: Essais sur pièces pré-formées

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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ISO 1927-7 was prepared by Technical Committee ISO/TC 33, *Refractories*.

ISO 1927 consists of the following parts, under the general title *Monolithic (unshaped) refractory products*:

— *Part 1: Introduction and classification*

— *Part 2: Sampling for testing*

— *Part 3: Characterization as received*

— *Part 4: Determination of consistency of castables*

— *Part 5: Preparation and treatment of test pieces*

— *Part 6: Measurement of physical properties*

— *Part 7: Tests on pre-formed shapes*

— *Part 8: Determination of complementary properties*

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Monolithic (unshaped) refractory products —

Part 7: Tests on pre-formed shapes

1 Scope

This part of ISO 1927 specifies methods for the testing of as-delivered pre-formed shapes. It applies to shapes fabricated from dense and insulating castables and ramming materials as defined in ISO 1927-1.

NOTE Acceptance values for the individual test methods described should be agreed between the parties involved.

2 Normative references

The following referenced documents are indispensable for the application 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.

ISO 1927-1, *Monolithic (unshaped) refractory products – Part 1 Introduction and classification*

ISO 1927-6, *Monolithic (unshaped) refractory products — Part 6: Measurement of physical properties*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
corner defect
missing corner, defined by the three dimensions *a*, *b* and *c* as indicated in Figure 1

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