



# SLOVENSKI STANDARD SIST EN ISO 1927-5:2013

01-maj-2013

Nadomešča:  
SIST EN 1402-5:2004

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**Neoblikovani ognjevzdržni izdelki - 5. del: Priprava vzorcev za preskus (ISO 1927-5:2012)**

Unshaped refractory materials - Part 5: Preparation and treatment of test pieces (ISO 1927-5:2012)

Ungeformte feuerfeste Erzeugnisse - Teil 5: Herstellung und Behandlung von Probekörpern (ISO 1927-5:2012)

Produits réfractaires non façonnés - Partie 5: Préparation et traitement des éprouvettes (ISO 1927-5:2012) <https://standards.iteh.ai/catalog/standards/sist/90e5a3b0-8a67-4255-b512-717b7c680a0f/sist-en-iso-1927-5-2013>

**Ta slovenski standard je istoveten z: EN ISO 1927-5:2012**

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**ICS:**

81.080 Ognjevzdržni materiali Refractories

**SIST EN ISO 1927-5:2013 en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 1927-5**

December 2012

ICS 81.080

Supersedes EN 1402-5:2003

English Version

## Monolithic (unshaped) refractory products - Part 5: Preparation and treatment of test pieces (ISO 1927-5:2012)

Produits réfractaires monolithiques (non façonnés) - Partie 5: Préparation et traitement des éprouvettes (ISO 1927-5:2012)

Ungeformte (monolithische) feuerfeste Erzeugnisse - Teil 5: Herstellung und Behandlung von Probekörpern (ISO 1927-5:2012)

This European Standard was approved by CEN on 30 November 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.

CEN members are the national standards bodies of 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 United Kingdom.

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## Foreword

This document (EN ISO 1927-5:2012) 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.

This document supersedes EN 1402-5:2003.

According to the CEN/CENELEC Internal Regulations, the national standards organisations 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.

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Endorsement notice

The text of ISO 1927-5:2012 has been approved by CEN as a EN ISO 1927-5:2012 without any modification.

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# INTERNATIONAL STANDARD

**ISO**  
**1927-5**

First edition  
2012-12-01

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## Monolithic (unshaped) refractory products —

### Part 5: Preparation and treatment of test pieces

*Produits réfractaires monolithiques (non façonnés) —*

*Partie 5: Préparation et traitement des éprouvettes*

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## ISO 1927-5:2012(E)

## 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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 1927-5 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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## Introduction

The values of the properties obtained using test pieces are used to assess the homogeneity of monolithic (unshaped) materials. They are reference values which do not necessarily correspond with those obtained in industrial applications. Other methods of test-piece preparation or treatment, which differ from those specified by this part of ISO 1927, can lead to different values.

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