



SLOVENSKI STANDARD SIST EN ISO 17836:2018

01-februar-2018

Nadomešča:
SIST EN ISO 17836:2005

Vroče brizganje - Ugotavljanje učinkovitosti nanosa za vroče brizganje (ISO 17836:2017)

Thermal spraying - Determination of the deposition efficiency for thermal spraying (ISO 17836:2017)

Thermisches Spritzen - Bestimmung der Auftragrate beim thermischen Spritzen (ISO 17836:2017)

Projection thermique - Détermination du rendement de dépôt en projection thermique (ISO 17836:2017) <https://standards.iteh.ai/catalog/standards/sist/ad1c8534-7a85-4c6f-8583-73e686ac8d62/sist-en-iso-17836-2018>

Ta slovenski standard je istoveten z: EN ISO 17836:2017

ICS:

25.220.20 Površinska obdelava Surface treatment

SIST EN ISO 17836:2018 en

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EUROPEAN STANDARD

EN ISO 17836

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN ISO 17836:2004

English Version

Thermal spraying - Determination of the deposition efficiency for thermal spraying (ISO 17836:2017)

Projection thermique - Détermination du rendement de dépôt en projection thermique (ISO 17836:2017)

Thermisches Spritzen - Bestimmung der Auftragrate beim thermischen Spritzen (ISO 17836:2017)

This European Standard was approved by CEN on 4 November 2017.

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

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 17836:2017) has been prepared by Technical Committee ISO/TC 107 “Metallic and other inorganic coatings” in collaboration with Technical Committee CEN/TC 240 “Thermal spraying and thermally sprayed coatings” the secretariat of which is held by DIN.

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 2018, and conflicting national standards shall be withdrawn at the latest by June 2018.

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

This document supersedes EN ISO 17836:2004.

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

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The text of ISO 17836:2017 has been approved by CEN as EN ISO 17836:2017 without any modification.

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INTERNATIONAL
STANDARD

ISO
17836

Second edition
2017-10

**Thermal spraying — Determination of
the deposition efficiency for thermal
spraying**

*Projection thermique — Détermination du rendement de dépôt en
projection thermique*

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ISO 17836:2017(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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html. (standards.iteh.ai)

This document was prepared by ISO/TC 107, *Metallic and other inorganic coatings*.

This second edition cancels and replaces the first edition (ISO 17836:2004), which has been technically revised.

Introduction

This document includes the definitions for determining the deposition efficiency for thermal spraying. It describes the test procedure to determine the deposition efficiency for an individual spray process and a spray material when using a defined test piece.

The deposition efficiency calculated on a test piece according to this document does not necessarily correspond to the deposition efficiency on a component.

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