

**Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 2: Zinc or zinc alloy coatings**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 10244-2:2009 sisaldab Euroopa standardi EN 10244-2:2009 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 29.05.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 15.04.2009.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 10244-2:2009 consists of the English text of the European standard EN 10244-2:2009.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 29.05.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 15.04.2009.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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**Võtmesõnad:** coatings, corrosion protection, definitions, mass, metals, non ferrous alloys, non-ferrous metals, products, quality, quality requirements, specification (approval), specifications, steel wires, zinc, zinc alloys, zinc coatings, testing, wires

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English Version

## Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 2: Zinc or zinc alloy coatings

Fils et produits tréfilés en acier - Revêtements métalliques non ferreux sur fils d'acier - Partie 2 : Revêtement de zinc ou d'alliage de zinc

Stahldraht und Drahterzeugnisse - Überzüge aus Nichteisenmetall auf Stahldraht - Teil 2: Überzüge aus Zink und Zinklegierungen

This European Standard was approved by CEN on 20 December 2008.

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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 Management Centre has the same status as the official versions.

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

**Contents**

Page

Foreword.....	3
1 Scope .....	4
2 Normative references .....	4
3 Terms and definitions .....	4
4 Coating requirements.....	5
4.1 Requirements for the coatings material.....	5
4.2 Requirements relating to coating on the wire .....	6
4.2.1 Coating mass .....	6
4.2.2 Appearance of coating .....	6
4.2.3 Dipping test .....	6
4.2.4 Special finishes.....	8
4.2.5 Adherence of coating .....	8
5 Test conditions .....	10
5.1 Selection of samples .....	10
5.2 Determination of mass of coating.....	10
5.2.1 General.....	10
5.2.2 Gravimetric method .....	10
5.2.3 Gaseous volumetric method .....	11
5.3 Dipping test .....	16
5.3.1 Principle.....	16
5.3.2 Reagents.....	16
5.3.3 Preparation of test piece.....	17
5.3.4 Performing of the test .....	17
5.3.5 Interpretation of results .....	17
Bibliography .....	18

## Foreword

This document (EN 10244-2:2009) has been prepared by Technical Committee ECISS/TC 30 "Steel wires", the secretariat of which is held by AFNOR.

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 2009, and conflicting national standards shall be withdrawn at the latest by October 2009.

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 10244-2:2001.

Some significant technical changes from the previous edition of this standard have been made like the addition of new mass requirements for a coating of Zn95Al5 (in Table 2, see E) and the correction of the Formula in 5.2.3.6 "Expression of results".

This European Standard for non-ferrous metallic coating on steel wire is made up of the following parts:

- *Part 1: General principles*
- *Part 2: Zinc or zinc alloy coatings*
- *Part 3: Aluminium coatings*
- *Part 4: Tin coatings*
- *Part 5: Nickel coatings*
- *Part 6: Copper, bronze or brass coatings*

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## 1 Scope

This part of this European Standard specifies the requirement for coating mass, other properties and testing of zinc and zinc alloy coatings on steel wire and steel wire products of circular or other section.

## 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.

EN 1179, *Zinc and zinc alloys — Primary zinc*

EN 10218-1, *Steel wire and wire products — General — Part 1: Test methods*

EN 10244-1:2009, *Steel wire and wire products — Non-ferrous metallic coatings on steel wire — Part 1: General principles*

ISO 7802, *Metallic materials - Wire - Wrapping test*

ISO 7989-2:2007, *Steel wire and wire products — Non-ferrous metallic coatings on steel wire — Part 2: Zinc or zinc-alloy coating*

ASTM B 750, *Standard Specification for GALFAN (Zinc-5% Aluminium-Mischmetal) Alloy in Ingot Form for Hot-Dip Coatings.*