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Any reference to SABS EN 10240 is deemed
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SOUTH AFRICAN NATIONAL STANDARD

Internal and/or external protective coatings for steel tubes — Specification for hot dip galvanized coatings applied in automatic plants

This national standard is the identical implementation of EN 10240:1997 and is adopted with the permission of CEN, rue de Stassart 36, B-1050 Brussels.

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Table of changes

Change No.	Date	Scope

Abstract

Specifies the requirements and tests for hot dip galvanized coatings applied to steel tubes hot dip galvanized in automatic plants for gas and water installations, including water intended for human consumption and other applications, e.g. scaffold tubes and structural hollow sections.

Keywords

chemical composition, coating processes, coatings, corrosion protection, definitions, galvanizing, hot-dip galvanizing, inspection, marking, metal coatings, non-ferrous metals, pipe coatings, pipelines, pipes, properties, protective coatings, quality assurance, specifications, steels, testing conditions, water supply and waste systems (buildings), zinc.

National foreword

This South African standard was approved by National Committee StanSA SC 5120.40B, *Metallic and other inorganic coatings – Hot dip coatings*, in accordance with procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

This SANS edition is technically identical to SABS EN 10240:1997.

EUROPEAN STANDARD

EN 10240

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Descriptors: metal coatings, galvanizing, hot dip galvanizing, steel tubes, specifications, quality, thickness, adhesion, area, inspection, tests, marking

English version

Internal and/or external protective coatings for steel tubes - Specification for hot dip galvanized coatings applied in automatic plants

Revêtements intérieur et/ou extérieur des tubes en acier -
Spécifications pour revêtements de galvanisation à chaud
sur des lignes automatiques

Innere und/oder äußere Schutzüberzüge für Stahlrohre -
Festlegungen für durch Schmelztauchverzinken in
automatisierten Anlagen hergestellte Überzüge

This European Standard was approved by CEN on 9 August 1997.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Foreword

This European Standard has been prepared by Technical Committee ECISS/TC 29 "Steel tubes and fittings for steel tubes" the secretariat of which is held by UNI.

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 1998, and conflicting national standards shall be withdrawn at the latest by June 1998.

The European Committee for Iron and Steel Standardization (ECISS) instructed the Technical Committee ECISS/TC 29 to draw up a European Standard for hot dip galvanized coatings for steel tubes.

This task has been undertaken by the sub-committee ECISS/TC 29/SC 4, the secretariat of which is held by the Association Française de Normalisation (AFNOR). The sub-committee has recognised that the quality required of a hot dip galvanized coating depends on the intended application of the steel tubes and it must relate to the capabilities of the process by which the coating is applied. Consequently this standard specifies a number of coating qualities each with different coating requirements for hot dip galvanized coatings applied to steel tubes in automatic plants. The purchaser is required to specify one of these coating qualities in his enquiry and order.

In respect of potential adverse effects on the quality of water intended for human consumption, caused by the product covered by this standard :

- 1) this standard provides no information as to whether the product may be used without restriction in any of the Member States of the EU or EFTA ;
- 2) it should be noted that, while awaiting the adoption of verifiable European criteria, existing national regulations concerning the use and/or the characteristics of this product remain in force.

No EURONORM is replaced by 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.