SLOVENSKI STANDARD
SIST EN 15542:2026

01-maj-2026

Nadomešča:
SIST EN 15542:2008

Cevi, fitingi in pribor iz nodularne litine - Zunanje prevleke cevi iz cementne malte - Zahteve in preskusne metode

Ductile iron pipes, fittings and accessories - External cement mortar coating for pipes - Requirements and test methods

Rohre, Formstücke und Zubehör aus duktilem Gusseisen - Zementmörtelumhüllung von Rohren - Anforderungen und Prüfverfahren

Tuyaux, raccords et accessoires en fonte ductile - Revêtement extérieur en mortier de ciment pour tuyaux - Prescriptions et méthodes d'essai

Sample Document
get full document from standards.iteh.ai

Ta slovenski standard je istoveten z: **EN 15542:2026**

ICS:

23.040.10	Železne in jeklene cevi	Iron and steel pipes
23.040.40	Kovinski fitingi	Metal fittings

SIST EN 15542:2026 **en,fr,de**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

Sample Document

get full document from standards.iteh.ai

SIST EN 15542:2026

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 15542

March 2026

ICS 23.040.01

Supersedes EN 15542:2008

English Version

Ductile iron pipes, fittings and accessories - External cement mortar coating for pipes - Requirements and test methods

Tuyaux, raccords et accessoires en fonte ductile - Revêtement extérieur en mortier de ciment pour tuyaux - Prescriptions et méthodes d'essai

Rohre, Formstücke und Zubehör aus duktilem Gusseisen - Zementmörtelumhüllung von Rohren - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 12 January 2026.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

Sample Document



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

© 2026 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 15542:2026 E

SIST EN 15542:2026 • https://standards.iteh.ai/catalog/standards/sist/00fd2d0a-9577-4aa2-b181-d718f2e00e94/sist-en-15542-2026

SIST EN 15542:2026

Contents

Page

European foreword 4
Introduction 5
1 Scope 6
2 Normative references 6
3 Terms and definitions 7
4 Ordering information 8
5 Technical requirements 9
5.1 Zinc or zinc alloy coating 9
5.2 Fresh cement mortar layer thickness 9
5.3 Pipe ends 9
5.4 Appearance of cured cement mortar coating 9
5.5 Thickness of cured cement mortar coating 9
5.6 Repairs 9
5.7 Marking 9
6 Performance requirements 10
6.1 Cement mortar constituents 10
6.1.1 General 10
6.1.2 Cement 10
6.1.3 Aggregates 10
6.1.4 Fibres 10
6.1.5 Surface tissue 10
6.1.6 Saponification resistance of organic additives 10
6.2 Adhesion 10
6.3 Impact resistance 10
6.4 Specific pore transition resistance of the intermediate layer 11
7 Test methods 11
7.1 Routine tests 11
7.1.1 General 11
7.1.2 Zinc or zinc alloy coating 11
7.1.3 Thickness of the cement mortar layer 11
7.1.4 Pipe ends 11
7.1.5 Appearance and continuity of cured cement mortar coating 11
7.1.6 Thickness of the cured cement mortar coating 11
7.1.7 Repairs 11
7.1.8 Marking 11
7.2 Performance tests 11
7.2.1 General 11
7.2.2 Constituents 12
7.2.3 Adhesion 12
7.2.4 Impact strength 12
7.2.5 Specific pore transition resistance of the intermediate layer 13
Annex A (informative) Quality assurance 16

Sample Document
get full document from standards.iteh.ai

SIST EN 15542:2026 • https://standards.iteh.ai/catalog/standards/sist/00fd2d0a-9577-4aa2-b181-d718f2e00e94/sist-en-15542-2026

SIST EN 15542:2026

Annex B (informative) Application process **18**
Annex C (informative) Experiences from field and investigation **19**
Bibliography **20**

Sample Document
get full document from standards.iteh.ai

SIST EN 15542:2026 • https://standards.iteh.ai/catalog/standards/sist/00fd2d0a-9577-4aa2-b181-d718f2e00e94/sist-en-15542-2026

SIST EN 15542:2026

European foreword

This document (EN 15542:2026) has been prepared by Technical Committee CEN/TC 203 “Cast iron pipes, fittings and their joints”, 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 September 2026, and conflicting national standards shall be withdrawn at the latest by September 2026.

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 15542:2008.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Sample Document

get full document from standards.iteh.ai

SIST EN 15542:2026 • https://standards.iteh.ai/catalog/standards/sist/00fd2d0a-9577-4aa2-b181-d718f2e00e94/sist-en-15542-2026

SIST EN 15542:2026

Introduction

This document is in conformity with the general requirements already established by CEN/TC 164 in the field of water supply (e.g. potable water) and CEN/TC 165 in the field of waste water.

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

a) This document provides no information as to whether the product may be used without restriction in any of the member states of the EU or EFTA.

b) 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.

Sample Document

get full document from standards.iteh.ai

SIST EN 15542:2026 • https://standards.iteh.ai/catalog/standards/sist/00fd2d0a-9577-4aa2-b181-d718f2e00e94/sist-en-15542-2026