



NSAI
Standards

Irish Standard
I.S. EN 1504-8:2016

Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and AVCP - Part 8: Quality control and Assessment and verification of the constancy of performance (AVCP)

I.S. EN 1504-8:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 1504-8:2016 is the adopted Irish version of the European Document EN 1504-8:2016, Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and AVCP - Part 8: Quality control and Assessment and verification of the constancy of performance (AVCP)

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EUROPEAN STANDARD

EN 1504-8

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2016

ICS 91.080.40

Supersedes EN 1504-8:2004

English Version

**Products and systems for the protection and repair of
concrete structures - Definitions, requirements, quality
control and AVCP - Part 8: Quality control and Assessment
and verification of the constancy of performance (AVCP)**

Produits et systèmes pour la protection et la réparation
de structures en béton - Définitions, prescriptions,
maîtrise de la qualité et EVCP - Partie 8 : Maîtrise de la
qualité et évaluation et vérification de la constance des
performances (EVCP)

Produkte und Systeme für den Schutz und die
Instandsetzung von Betontragwerken - Definitionen,
Anforderungen, Qualitätskontrolle und AVCP - Teil 8:
Qualitätskontrolle und Bewertung und Überprüfung
der Leistungsbeständigkeit (AVCP)

This European Standard was approved by CEN on 12 March 2016.

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.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 1504-8:2016) has been prepared by Technical Committee CEN/TC 104 “Concrete and related products”, 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 November 2016, and conflicting national standards shall be withdrawn at the latest by February 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 1504-8:2004.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

The main changes that have been made in this new edition are as follows:

The wording has been adapted to the CPR (Regulation (EU) No. 305/2011).

EN 1504 consists of the following parts under the general title *Products and systems for the protection and repair of concrete structures — Definitions, requirements, quality control and AVCP*.

- *Part 1: Definitions*
- *Part 2: Surface protection systems for concrete*
- *Part 3: Repair concrete and mortars*
- *Part 4: Structural bonding*
- *Part 5: Concrete injection*
- *Part 6: Anchoring of reinforcing steel bar*
- *Part 7: Reinforcement corrosion protection*
- *Part 9: General principles for the use of products and systems*
- *Part 10: Site application of products and systems and quality control of the works*

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EN 1504-8:2016 (E)**1 Scope**

This Part of EN 1504 specifies procedures for sampling, quality control, assessment and verification of the constancy of performance (AVCP) including marking and labelling of products and systems for the protection and repair of concrete according to EN 1504-2 to EN 1504-7.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1504-1, *Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 1: Definitions*

EN 1504-2, *Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 2: Surface protection systems for concrete*

EN 1504-3, *Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 3: Structural and non-structural repair*

EN 1504-4, *Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 4: Structural bonding*

EN 1504-5, *Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 5: Concrete injection*

EN 1504-6, *Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 6: Anchoring of reinforcing steel bar*

EN 1504-7, *Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of conformity - Part 7: Reinforcement corrosion protection*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 1504-1 and the following apply.

**3.1
batch**

quantity of material made in a single operation, or in the case of continuous production for a defined quantity (in tonnes) which shall be demonstrated by the producer to have a uniform composition and shall not exceed one day's production

**3.2
identification test**

test carried out to verify a declared value of the composition or property of the product or system in terms of consistency of the production

Note 1 to entry: This is to ensure that the product or system being tested corresponds to the product or system subjected to the initial type test, within the permitted tolerances.

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