

DIN EN 1504-5



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Supersedes
DIN EN 1504-5:2005-03
See start of application

**Products and systems for the protection and repair of concrete structures –
Definitions, requirements, quality control and evaluation of conformity –
Part 5: Concrete injection;
English version EN 1504-5:2013,
English translation of DIN EN 1504-5:2013-06**

Produkte und Systeme für den Schutz und die Instandsetzung von Betontragwerken –
Definitionen, Anforderungen, Qualitätsüberwachung und Beurteilung der Konformität –
Teil 5: Injektion von Betonbauteilen;
Englische Fassung EN 1504-5:2013,
Englische Übersetzung von DIN EN 1504-5:2013-06

Produits et systèmes pour la protection et la réparation des structures en béton –
Définitions, exigences, maîtrise de la qualité et évaluation de la conformité –
Partie 5: Produits et systèmes d'injection du béton;
Version anglaise EN 1504-5:2013,
Traduction anglaise de DIN EN 1504-5:2013-06

Document comprises 41 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

Start of application

It should be noted that, in Germany, CE conformity marking of construction products will be permitted once this standard has been listed in the Official Journal of the European Union and/or the *Bundesanzeiger* (German Federal Gazette) and from the date given therein.

For further information, users of this standard should refer to the websites of the European Commission or of the relevant building authority.

The standard which this document replaces, DIN EN 1504-5:2005-03, may be used in parallel with this standard during a specified transition period where such has been laid down in the Official Journal of the European Union and/or the *Bundesanzeiger* (German Federal Gazette).

National foreword

This document (EN 1504-5:2013) has been prepared by Technical Committee CEN/TC 104 “Concrete and related products” (Secretariat: DIN, Germany)

The responsible German body involved in its preparation was the *Normenausschuss Bauwesen* (Building and Civil Engineering Standards Committee), Working Committee NA 005-07-06 AA *Schutz, Instandsetzung und Verstärkung* (SpA zu CEN/TC 104/SC 8).

Amendments

This standard differs from DIN EN 1504-5:2005-03 as follows:

- a) normative references have been updated;
- b) Tables 1, 2, 4, 6, 7 and 8 have been modified;
- c) Annexes A, B, C and ZA have been modified;
- d) the tables have been renumbered;
- e) the standard has been editorially revised.

Previous editions

DIN EN 1504-5: 2005-03

English Version

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

Produits et systèmes pour la protection et la réparation des structures en béton - Définitions, exigences, maîtrise de la qualité et évaluation de la conformité - Partie 5 : Produits et systèmes d'injection du béton

Produkte und Systeme für den Schutz und die Instandsetzung von Betontragwerken - Definitionen, Anforderungen, Qualitätsüberwachung und Beurteilung der Konformität - Teil 5: Injektion von Betonbauteilen

This European Standard was approved by CEN on 20 January 2013.

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.

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 1504-5:2013) 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 October 2013, and conflicting national standards shall be withdrawn at the latest by October 2013.

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 1504-5:2004.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

Compared with the previous version, the following changes have been made:

- a) changes in Table 1, Table 2, Table 4, Table 6, Table 7 and Table 8;
- b) modification of Annexes A, B, C and ZA;
- c) revision of normative references;
- d) renumbering of the tables.

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 evaluation of conformity*:

- *Part 1: Definitions*;
- *Part 2: Surface protection systems for concrete*;
- *Part 3: Structural and non-structural repair*;
- *Part 4: Structural bonding*;
- *Part 5: Concrete injection*;
- *Part 6: Anchoring of reinforcing steel bar*;
- *Part 7: Reinforcement corrosion protection*;
- *Part 8: Quality control and evaluation of conformity*;
- *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*.

Part 5 of EN 1504 includes a normative Annex A dealing with classification, an informative Annex B dealing with special applications and an informative Annex C dealing with Factory Production Control on products.