



Institut luxembourgeois de la normalisation  
de l'accréditation, de la sécurité et qualité  
des produits et services

## ILNAS-EN 1504-7:2006

### **Products and systems for the protection and repair of concrete structures - Definitions, requirements, quality control and evaluation of**

Produkte und Systeme für den Schutz  
und die Instandsetzung von  
Betontragwerken - Definitionen,  
Anforderungen, Qualitätsüberwachung

Produits et systèmes pour la protection  
et la réparation des structures en béton -  
Définitions, prescriptions, maîtrise de la  
qualité et évaluation de la conformité -

08/2006



## National Foreword

This European Standard EN 1504-7:2006 was adopted as Luxembourgish Standard ILNAS-EN 1504-7:2006.

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

<https://portail-qualite.public.lu/fr/normes-normalisation/participer-normalisation.html>

### **THIS PUBLICATION IS COPYRIGHT PROTECTED**

Nothing from this publication may be reproduced or utilized in any form or by any mean - electronic, mechanical, photocopying or any other data carries without prior permission!

EUROPEAN STANDARD <sup>ILNAS-EN 1504-7:2006</sup> **EN 1504-7**  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

August 2006

ICS 91.080.40

English Version

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

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 7: Protection  
contre la corrosion des armatures

Produkte und Systeme für den Schutz und die  
Instandsetzung von Betontragwerken - Definitionen,  
Anforderungen, Qualitätsüberwachung und Beurteilung der  
Konformität - Teil 7: Korrosionsschutz der Bewehrung

This European Standard was approved by CEN on 19 June 2006.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

## Contents

Page

<b>1</b>	<b>Scope .....</b>	<b>5</b>
<b>2</b>	<b>Normative references .....</b>	<b>5</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>6</b>
<b>4</b>	<b>Performance characteristics for intended uses .....</b>	<b>6</b>
<b>5</b>	<b>Requirements .....</b>	<b>7</b>
<b>6</b>	<b>Sampling .....</b>	<b>8</b>
<b>7</b>	<b>Evaluation of conformity .....</b>	<b>8</b>
<b>8</b>	<b>Marking and labelling .....</b>	<b>9</b>
	<b>Annex A (informative) Minimum frequency of testing for factory production control .....</b>	<b>10</b>
	<b>Annex B (informative) Release of dangerous substances .....</b>	<b>11</b>
	<b>Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive .....</b>	<b>12</b>

## Foreword

This document (EN 1504-7:2006) 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 January 2007, and conflicting national standards shall be withdrawn at the latest by December 2008.

It has been developed by sub-committee 8 "Protection and repairs of concrete structures" (Secretariat AFNOR).

This Part of EN 1504 does not supersede any other European Standard.

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 Construction Products Directive (89/106/EC).

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

This Part of EN 1504 includes an informative Annex A, dealing with minimum frequency of testing for factory production control.

This Part of EN 1504 is one of the parts of this standard on products and systems for the repair and protection of concrete structures. The other parts are listed below:

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.*

prEN 1504-6<sup>1</sup>, *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 1504-8, *Products and systems for the protection and repair of concrete structures — Definitions, requirements, quality control and evaluation of conformity — Part 8: Quality control and evaluation of conformity.*

---

<sup>1</sup> This document is in preparation.

ENV 1504-9<sup>2)</sup>, *Products and systems for the protection and repair of concrete structures — Definitions, requirements, quality control and evaluation of conformity — Part 9: General principles for the use of products and systems.*

EN 1504-10, *Products and systems for the protection and repair of concrete structures — Definitions, requirements, quality control and evaluation of conformity — Part 10: Site application of products and systems and quality control of the works.*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

---

2) ENV 1504-9 will have to be modified when adopted as EN according to finalisation of this European Standard.