

DIN EN 14843

DIN

ICS 91.100.30

See start of validity

**Precast concrete products –
Stairs
English version of DIN EN 14843:2007-07**

Betonfertigteile –
Treppen
Englische Fassung DIN EN 14843:2007-07

Document comprises 40 pages



Start of validity

This standard is due to be valid from 1 January 2008.

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

National foreword

This standard has been prepared by CEN/TC 229 "Precast concrete products" (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was the *Normenausschuss Bauwesen* (Building and Civil Engineering Standards Committee), Technical Committee NA 005-07-08 AA *Betonfertigteile*.

ICS 91.100.30

English Version

Precast concrete products - Stairs

Produits préfabriqués en béton - Escaliers

Betonfertigteile - Treppen

This European Standard was approved by CEN on 17 February 2007.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, 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

The numbering of clauses is strictly related to EN 13369:2004: *Common rules for precast concrete products*, at least for the first three digits. When a clause of EN 13369:2004 is not relevant or included in a more general reference of this standard, its number is omitted and this may result in a gap in numbering.

Introduction	6
1 Scope	7
2 Normative references	7
3 Terms and definitions	8
3.1 General	8
4 Requirements	8
4.1 Material requirements	8
4.2 Production requirements	8
4.3 Finished product requirements	8
4.3.1 Geometrical properties	8
4.3.2 Surface characteristics	9
4.3.3 Mechanical resistance	9
4.3.4 Resistance and reaction to fire	10
4.3.5 Acoustic properties	10
4.3.6 Thermal properties	10
4.3.7 Durability	10
4.3.8 Other requirements	10
4.3.9 Detailing	10
5 Test methods	11
5.1 Tests on concrete	11
5.2 Measuring of dimensions and surface characteristics	11
5.3 Weight of the product	11
6 Evaluation of conformity	11
7 Marking	12
8 Technical documentation	12
Annex A (informative) Stairs — Terms and definitions	13
Annex B (informative) Test Method	20
B.1 Objectives	20
B.2 Specification and selection of specimens	20
B.2.1 Identification of product group	20
B.2.2 Design of test specimens	20
Annex Y (Informative) Choice of CE marking method	25
Y.1 Method 1	25
Y.2 Method 2	25
Y.3 Method 3	25
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Constructions Product Directive	26
ZA.1 Scope and relevant characteristics	26
ZA.2 Procedure for attestation of conformity of stairs	28
ZA.2.1 System of attestation of conformity	28
ZA.2.2 EC Certificate and Declaration of conformity	29
ZA.3 CE marking and labelling	30