

Precast concrete products — Foundation piles

The European Standard EN 12794:2005, incorporating amendment A1:2007, has the status of a British Standard

ICS 91.100.30; 93.020

National foreword

This British Standard is the UK implementation of EN 12794:2005.

The UK participation in its preparation was entrusted to Technical Committee B/524, Precast concrete products.

A list of organizations represented on this committee can be obtained on request to its secretary.

EN 12794 is a candidate “harmonized” European standard and fully takes into account the requirements of the European Commission mandate M/100, Precast concrete products, given under the EU Construction Products Directive (89/106/EEC), and is intended to lead to CE marking. The date of applicability of EN 12794 as a harmonized European Standard, i.e. the date after which this standard may be used for CE marking purposes, is subject to an announcement in the *Official Journal of the European Communities*.

The Commission in consultation with Member States has agreed a transition period for the co-existence of harmonized European Standards and their corresponding national standard(s). It is intended that this period will comprise a period, usually nine months, after the date of availability of the European Standard, during which any required changes to national regulations are to be made, followed by a further period, usually of 12 months, for the implementation of CE marking. At the end of this co-existence period, the national standard(s) will be withdrawn.

EN 12794 is the subject of transitional arrangements agreed under the Commission mandate. In the UK, there are no corresponding national standards.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 17 May 2005

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17219	31 July 2007	Implementation of CEN amendment A1:2007

English Version

Precast concrete products - Foundation piles

Produits préfabriqués en béton - Pieux de fondation

Betonfertigteile - Gründungspfähle

This European Standard was approved by CEN on 22 November 2004 and includes Amendment 1 approved by CEN on 6 April 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.

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

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

Contents

^{A1} 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 is not relevant or included in a more general reference of this European Standard, its number is omitted and this may result in a gap in numbering. ^{A1}

	Page
Foreword.....	3
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Requirements	9
5 Test methods.....	16
6 Evaluation of conformity.....	16
7 Marking	17
8 Technical documentation	17
Annex A (normative) Type test method for the verification of robustness and rigidity of pile joints	18
Annex B (normative) Design aspects in reference with EN 1992-1-1	22
Annex C (normative) Provisions for the design and manufacture of piles reinforced with a single bar in reference with this document and EN 1992-1-1	26
Annex D (informative) Provisions for the design and installation of piles and pile segments reinforced with a single bar	28
Annex E (normative) Method to measure perpendicularity of the pile top, pile bottom or pile joint against pile axis	29
Annex Y (Informative) Choice of CE marking method	43
Bibliography	44

Foreword

This document (EN 12794:2005+A1:2007) has been prepared by Technical Committee CEN/TC 229 “Precast concrete products”, the secretariat of which is held by AFNOR.

This document was examined by and agreed with a joint working party appointed by the Liaison Group CEN/TC 229 - CEN TC 250, particularly for its compatibility with structural Eurocodes.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2007 and conflicting national standards shall be withdrawn at the latest by November 2007.

This document includes Amendment 1, approved by CEN on 2007-04-06.

This document supersedes EN 12794:2005.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

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 Directives (89/106/EEC).

This document is one of a series of product standards for precast concrete products.

For common aspects reference is made to EN 13369: *Common rules for precast products*, from which also the relevant requirements of the EN 206-1: *Concrete — Part 1: Specification, performances, production and conformity* are taken.

The references to EN 13369 by CEN/TC 229 product standards are intended to make them homogeneous and to avoid repetitions of similar requirements.

Eurocodes are taken as a common reference for design aspects. The installation of some structural precast concrete products is dealt with by ENV 13670-1: *Execution of concrete structures — Part 1: Common rules*, which has at the moment the status of an European prestandard. In all countries it can be accompanied by alternatives for national application and it shall not be treated as an European Standard.

The programme of Standards for structural precast concrete products comprises the following Standards, in some cases consisting of several parts:

EN 1168, *Precast concrete products — Hollow core slabs*

EN 12794, *Precast concrete products — Foundation piles*

EN 12843, *Precast concrete products — Masts and poles*

EN 13747, *Precast concrete products — Floor plates for floor systems*

prEN 15037-1, *Precast concrete products — Beam-and-block floor systems — Part 1: Beams*

prEN 15037-2, *Precast concrete products — Beam-and-block floor systems — Part 2: Blocks*

EN 13224, *Precast concrete products — Ribbed floor elements*

EN 13225, *Precast concrete products — Linear structural elements*