DIN EN 1790



ICS 93.080.20

Supersedes DIN EN 1790:1998-08 See start of application

Road marking materials -Preformed road markings; English version EN 1790:2013, English translation of DIN EN 1790:2013-12

Straßenmarkierungsmaterialien -Vorgefertigte Markierungen; Englische Fassung EN 1790:2013, Englische Übersetzung von DIN EN 1790:2013-12

Produits de marquage routier -Marquages routiers préfabriqués; Version anglaise EN 1790:2013, Traduction anglaise de DIN EN 1790:2013-12

Document comprises 39 pages

Translation by DIN-Sprachendienst.

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



No part of this translation may be reproduced without prior permission of DIN Deutsches Institut für has the exclusive right of This is a preview. Click here to purchase the full publication. A comma is used as the decimal marker.

Start of application

The start of application of this standard is 2013-12-01.

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 1790:1998-08, 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 1790:2013) has been prepared by Technical Committee CEN/TC 226 "Road equipment" (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was the *Normenausschuss Bauwesen* (Building and Civil Engineering Standards Committee), Working Committee NA 005-10-22 AA *Straßenmarkierungen* (SpA zu CEN/TC 226/WG 2), Gemeinschaftsausschuss mit FGSV.

Amendments

This standard differs from DIN EN 1790:1998-08 as follows:

- a) Clause 1 "Scope" has been updated;
- b) Clause 2 "Normative references" has been updated and Clause 3 "Terms and definitions" has been extended;
- c) requirements have been updated by making reference to EN 1436, EN 1824 and EN 13197;
- test methods have been updated by making reference to EN 1436, EN 1824 and EN 13197;
- e) Clause 6 "Evaluation of conformity" has been amended;
- f) Annexes A to F have been amended;
- g) Annex ZA has been added.

Previous editions

DIN EN 1790: 1998-08

EUROPEAN STANDARD NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 1790

October 2013

ICS 93.080.20

Supersedes EN 1790:1998

English version

Road marking materials - Preformed road markings

Produits de marquage routier - Marquages routiers préfabriqués

Straßenmarkierungsmaterialien - Vorgefertigte Markierungen

This European Standard was approved by CEN on 5 April 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.

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

© 2013 CEN

All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 1790:2013: E

This is a preview. Click here to purchase the full publication.

Cont	ents	Page
Forewo	ord	3
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Requirements	8
5	Test methods	11
6	Evaluation of conformity	13
7	Marking and labelling	20
Annex	A (normative) Identification of preformed road marking materials	21
Annex	B (normative) Test method for Ash content	23
Annex	C (normative) Thermogravimetric analysis (TGA)	25
Annex	D (normative) FT-IR spectroscopy of the TGA residue	27
Annex	E (normative) Test method for ATR FT-IR spectroscopy of the adhesive layer	28
	F (normative) Preformed self-adhesive road marking – Test method for determination of mass it area of the adhesive	29
	ZA (informative) Clauses of this European Standard addressing the provisions of the EU uction Products Directive	31
Bibliod	ıraphy	37