

Betoonvalmistooted. Klaaskiudbetooni teimimismeetod. Osa 3: Kiusisalduse määramine klaaskiuga pritsmördis

Precast concrete products - Test method for glass-fibre reinforced cement - Part 3: Measuring the fibre content of sprayed GRC

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1170-3:2000 sisaldab Euroopa standardi EN 1170-3:1997 ingliskeelset teksti. Käesolev dokument on jõustatud 19.07.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 1170-3:2000 consists of the English text of the European standard EN 1170-3:1997. This document is endorsed on 19.07.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: See Euroopa standard esitab meetodi valmistamisaegseks kiusisalduse kontrolliks klaaskiuga pritsmördis.	Scope:
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Võtmesõnad: ajaühiku kohta, arvutused, betoontooted, kiud, klaas, komposiitmaterjalid, kontroll, määr, tarielemendid, tsemendid, vastavusteimid

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Descriptors: Glass fibre reinforced cement, fibre content, sprayed GRC, testing.

English version

Precast concrete products

Test method for glass fibre reinforced cement

Part 3: Measuring the fibre content of sprayed GRC

Produits préfabriqués en béton –
Méthode d'essai des composites
ciment-verre – Partie 3: Mesure de la
teneur en fibres des CCV réalisés par
projection

Vorgefertigte Betonerzeugnisse –
Prüfverfahren für Glasfaserbeton –
Teil 3: Bestimmung des Faser-
gehaltes in frischem GFB beim
Spritzverfahren

This European Standard was approved by CEN on 1997-10-29.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 229 "Precast concrete products", the secretariat of which is held by AFNOR.

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 May 1998, and conflicting national standards shall be withdrawn at the latest by May 1998.

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

1 Scope

This European Standard specifies a test method for verifying, during production, the fibre content of sprayed glass fibre reinforced cement.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 1170-2 Precast concrete products - Test method for glass fibre reinforced cement - Part 2 : Measuring the fibre content in fresh GRC - "Wash out test" method

3 Symbols and abbreviations

3.1 Symbols

G_C : fibre content, in percentage by mass ;

m : mass, in grams ;

t : time, in seconds.

3.2 Abbreviation

GRC : Glass fibre reinforced cement.

4 Apparatus

The apparatus comprises :

- 1 bucket with a capacity of approximately 10 l ;
- 1 scale, with a measuring range from 0 kg to 20 kg, accurate to 10 g ;
- 1 stopwatch, accurate to 1 s ;
- 1 container, for waste, with a capacity of approximately 5 l.

5 Procedure

The test shall be carried out under the same conditions as actual production.