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National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 1521:1997

ICS 91.100.30

DETERMINATION OF FLEXURAL STRENGTH OF LIGHTWEIGHT AGGREGATE CONCRETE WITH OPEN STRUCTURE

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel (01) 807 3800
Tel: (01) 807 3838

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Údarás um Chaighdeáin Náisiúnta na hÉireann

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DECLARATION

OF

SPECIFICATION

ENTITLED

DETERMINATION OF FLEXURAL STRENGTH OF LIGHTWEIGHT AGGREGATE

CONCRETE WITH OPEN STRUCTURE

AS

THE IRISH STANDARD SPECIFICATION FOR

DETERMINATION OF FLEXURAL STRENGTH OF LIGHTWEIGHT AGGREGATE

CONCRETE WITH OPEN STRUCTURE

NSAI in exercise of the power conferred by section 16 (3) of the National Standards Authority of Ireland Act, 1996 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Determination of flexural strength of lightweight aggregate concrete with open structure) Declaration, 1997.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Determination of flexural strength of lightweight aggregate concrete with open structure. The Schedule comprises the text of EN 1521:1996.

(2) The said standard specification may be cited as Irish Standard/EN 1521:1997 or as I.S./EN 1521:1997.

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EUROPEAN STANDARD **EN 1521**

NORME EUROPÉENNE

EUROPÄISCHE NORM November 1996

ICS 91.100.30

Descriptors: prefabricated elements, armatures, components, concrete, aggregates, mechanical tests, bend tests, determination, tensile strength

English version

Determination of flexural strength of lightweight aggregate concrete with open structure

Détermination de la résistance à la flexion du béton de granulats légers à structure ouverte

Bestimmung der Biegezugfestigkeit von haufwerksporigem Leichtbeton

This European Standard was approved by CEN on 1996-10-19. 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.

The European Standards exist 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europaisches Komitee fur Normung

Central Secretariat: rue de Stassart,36 B-1050 Brussels

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Ref. No. EN 1521:1996 E

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 177 "Prefabricated reinforced components of autoclaved aerated concrete or light-weight aggregate concrete with open structure", 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 May 1997, and conflicting national standards shall be withdrawn at the latest by May 1997.

In order to meet the performance requirements as laid down in the product standard for prefabricated components of lightweight aggregate concrete with open structure, a number of standardized test methods are necessary.

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

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