INTERNATIONAL STANDARD

ISO 8336

Second edition 2009-05-15

Fibre-cement flat sheets — Product specification and test methods

Plaques planes en fibres-ciment — Spécification des produits et méthodes d'essai



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2009

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents		'age
Forewordiv		
Introdu	ıction	v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Symbols and abbreviations	4
5	Requirements	5
5.1	General	
5.2 5.3	Sheet classifications Composition and manufacture	
5.3 5.4	Appearance and finish	
5.5	Dimensions and tolerances	6
5.6	Physical requirements and characteristics	
5.7 5.8	Fire properties	
6	Evaluation of conformity	
6.1	General	
6.2	Type testing	12
6.3	Quality control system	
6.4	Inspection of a consignment of finished products	
7 7.1	Test requirements	
7.1	Dimensional and geometrical tests	
7.3	Physical performance tests	
8	Marking	21
Annex	A (normative) Consignment and inspection sampling	22
Annex	B (normative) Statistical method for determining the corresponding wet values or revised dry specifications for the MOR when making the dry method of test or when tested prior to coating for quality control purposes	23
Annex	C (normative) Dimensional measurement and geometrical testing procedure	26
Annex	D (normative) Test method for the determination of fibre-cement sheet modulus of rupture (bending strength)	
Annex	E (normative) Test method for the determination of the apparent density of fibre-cement sheets	34
Annex	F (normative) Test method for the determination of moisture movement characteristic of fibre-cement sheets	36
Annex	G (normative) Test method for the determination of water permeability of fibre-cement sheets	38
Annex	H (normative) Test method for the evaluation of freeze-thaw performance of fibre-cement sheets	40
Annex	I (normative) Test method for the evaluation of heat-rain performance of fibre-cement sheets	42
Annex	J (normative) Test method for warm water evaluation of fibre-cement sheets	44
Annex	K (normative) Test method for soak-dry evaluation test of fibre-cement sheets	46
Biblion	ıranhy	48

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 8336 was prepared by Technical Committee ISO/TC 77, Products in fibre reinforced cement.

This second edition cancels and replaces the first edition (ISO 8336:1993), which has been technically revised. It also incorporates the Amendment ISO 8336:1993/Amd.1:2004 and the Technical Corrigendum ISO 8336:1993/Cor.1:2005.

Introduction

The purpose of this International Standard is to provide manufacturers and purchasers with uniform requirements for fibre-cement flat sheet products. These requirements are performance based, and have been specified with the objective of ensuring product quality, industry efficiency and the performance of the product in service.

In the development of this International Standard the technical committee had as an objective, harmonization where possible with other national fibre-cement standards (CEN, ASTM and JIS), to facilitate and promote uniform performance benchmarks for the global use of fibre-cement products.

