First edition 2002-10-01

Fire-resistance tests — Elements of building construction —

Part 8:

Specific requirements for non-loadbearing vertical separating elements

Essais de résistance au feu — Éléments de construction —

Partie 8: Exigences spécifiques relatives aux éléments verticaux de séparation non porteurs



Reference number ISO 834-8:2002(E)

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.

© ISO 2002

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.ch
Web www.iso.ch

Printed in Switzerland

Contents		Page	
1	Scope	1	
2	Normative references	1	
3	Terms and definitions	2	
4	Symbols and abbreviated terms	2	
5	Test equipment	2	
6	Test conditions	2	
7	Test specimen preparation	3	
8	Application of instrumentation	4	
9	Test procedure	5	
10	Performance criteria	5	
11	Validity of the test	5	
12	1 1111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
13	Test report	6	
Ar	nnex		
Α	Direct application of results	7	
Bib	oliography	8	

Foreword

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 3.

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 part of ISO 834 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 834-8 was prepared by Technical Committee ISO/TC 92, *Fire safety*, Subcommittee SC 2, *Fire containment*.

ISO 834 consists of the following parts, under the general title *Fire-resistance tests* — *Elements of building construction*:

- Part 1: General requirements
- Part 3: Commentary on test method and test data application
- Part 4: Specific requirements for loadbearing vertical separating elements
- Part 5: Specific requirements for loadbearing horizontal separating elements
- Part 6: Specific requirements for beams
- Part 7: Specific requirements for columns
- Part 8: Specific requirements for non-loadbearing vertical separating elements
- Part 9: Specific requirements for non-loadbearing ceiling elements

Annex A of this part of ISO 834 is for information only.

Introduction

This document contains specific requirements for fire resistance testing which are unique to the elements of building construction described as vertical separating non-loadbearing elements. The requirements for these non-loadbearing elements are intended to be applied in appropriate conjunction with the detailed and general requirements contained in Part 1 of this International Standard (ISO 834-1).

© ISO 2002 – All rights reserved