

BSI Standards Publication

Extended application of results from fire resistance tests - Non-loadbearing walls

Part 4: Glazed constructions



BS EN 15254-4:2018 BRITISH STANDARD

National foreword

This British Standard is the UK implementation of EN 15254-4:2018. It supersedes <u>BS EN 15254-4:2008+A1:2011</u>, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee FSH/22/-/7, Non loadbearing separating elements.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2018 Published by BSI Standards Limited 2018

ISBN 978 0 580 95507 5

ICS 13.220.50; 91.060.10

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 December 2018.

Amendments/corrigenda issued since publication

Date Text affected

EUROPEAN STANDARD

EN 15254-4

NORME EUROPÉENNE EUROPÄISCHE NORM

December 2018

ICS 13.220.50; 91.060.10

Supersedes EN 15254-4:2008+A1:2011

English Version

Extended application of results from fire resistance tests - Non-loadbearing walls - Part 4: Glazed constructions

Extension du champ d'application des résultats des essais de résistance au feu - Éléments nonporteurs - Partie 4 : Constructions vitrées Erweiterter Anwendungsbereich der Ergebnisse von Feuerwiderstandsprüfungen - Nichttragende Wände - Teil 4: Verglaste Konstruktionen

This European Standard was approved by CEN on 28 September 2018.

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, Serbia, 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

© 2018 CEN

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

Ref. No. EN 15254-4:2018: E

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

Contents			Page	
Euro	European forewordii			
1	Scop	ıe	4	
2	Norr	native references	4	
3		ns and definitions		
4				
	4.1	ciples		
	4.2	Use of test evidence		
	1.2	4.2.1 General		
		4.2.2 Reference tests		
		4.2.3 Use of pre-existing test data		
	4.3	Combination of extended application		
5	Specific changes to the glazing system			
	5.1	Exchange of the fire resistant glass	9	
		5.1.1 General		
		5.1.2 Classification EI with the component that provides the fire resistar	ıce	
		tested on the exposed face	10	
		5.1.3 Classification EI with the component that provides the fire resistar		
		tested on the unexposed face		
		5.1.4 Classification E, EW		
	5.2	Glass shapes		
	5.3	Increase of glass dimensions		
	5.4	Exchange of timber glazing beads		
	5.5	Exchange of metal glazing beads		
	5.6 5.7	Exchange of glazing system materialsBead surface coverings	15	
		S		
6	Specific changes to the framing system 6.1 Exchange of frames		16	
	6.1			
		6.1.1 General		
		6.1.2 Timber frames		
	6.2	6.1.3 Metal frames Frame surface coverings		
7	Changes to the fire resistant glazed element			
	7.1	Increase in dimensions and replication for fire resistant glazed elements w		
	7.2	classification EW Decrease in dimensions for fire resistant glazed elements with classification		
		G		
Ann		formative) Examples for using this standard with regard to requested extended to be a standard with regard to requested extended to be a standard with regard to requested extended to be a standard with regard to requested extended to be a standard with regard to requested extended to requested to requested extended to requested to re		
		ications based on the reference test and pre-existing test data		
Ann	Annex B (normative) Radiation calculations			
D:Ll	iograph		20	