

**Tulepüsimiskatsete tulemuste kasutusulatuse
laiendamine. Mittekandvad seinad. Osa 4: Klaasitud
konstruktsioonid KONSOLIDEERITUD TEKST**

Extended application of results from fire resistance tests -
Nonloadbearing walls - Part 4: Glazed constructions
CONSOLIDATED TEXT

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 15254-4:2008+A1:2011 sisaldab Euroopa standardi EN 15254-4:2008+A1:2011 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 29.07.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 13.07.2011.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 15254-4:2008+A1:2011 consists of the English text of the European standard EN 15254-4:2008+A1:2011.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 29.07.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 13.07.2011.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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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 - Eléments non-porteurs - Partie 4: Constructions vitrées

Erweiterter Anwendungsbereich der Ergebnisse von Feuerwiderstandsprüfungen - Tragende Wände - Teil 4: Verglaste Konstruktionen

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Foreword

This document (EN 15254-4:2008+A1:2011) has been prepared by Technical Committee CEN/TC 127 "Fire safety in buildings", the secretariat of which is held by BSI.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 89/106/EEC.

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of an identical text or by endorsement, at the latest by January 2012, and conflicting national standards shall be withdrawn at the latest by January 2012.

This document includes Amendment 1, approved by CEN on 2011-05-21.

This document supersedes EN 15254-4:2008.

The start and finish of text introduced or altered by amendment is indicated in the text by tags $\boxed{A_1}$ $\boxed{A_1}$.

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1 Scope

This European Standard provides guidance and, where appropriate, defines procedures for variations of certain parameters and factors associated with the design of fire resistant glazed elements which have been tested in accordance with EN 1364-1, and classified according to EN 13501-2.

Extended application of fire resistant glazed elements shall be based on test evidence.

This standard only applies to vertically installed fire resistant glazed elements.

This standard does not apply to doorsets and openable windows according to EN 1634-1.

Glass block assemblies and paver units and channel-shaped glass as defined in EN 1051-1 and EN 572-7 are excluded. There is currently insufficient information available to enable rules for extended application to be developed for these products.

NOTE Some partition walls use a combination of fire resistant glass, non-translucent and other opaque products. The extended application in this case only covers the glass when it replaces these products – see clause 8.2.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 357:2004, *Glass in building — Fire resistant glazed elements with transparent or translucent glass products — Classification of fire resistance*

EN 1363-1:1999, *Fire resistance tests — Part 1: General requirements*

EN 1363-2, *Fire resistance tests — Part 2: Alternative and additional procedures*

EN 1364-1, *Fire resistance tests for non-loadbearing elements — Part 1: Walls*

EN 1995-1-2, *Eurocode 5: Design of timber structures — Part 1-2: General — Structural fire design*

EN 13501-2, *Fire classification of construction products and building elements — Part 2: Classification using data from fire resistance tests, excluding ventilation services*

3 Terms and definitions

For the purposes of this document the terms and definitions given in EN 357:2004 and EN 13501-2, together with the following apply.

3.1

fire resistant glass

☐^{A1} glass product group (see 3.8), i.e. monolithic, multiple layers or insulating glass unit, that when used in a fire resistant glazed assembly, can have its performance determined and classified in accordance with EN 13501-2 ☐^{A1}

NOTE 1 The glass can be classified for the purposes of CE marking according to the glass product group determined by the glass manufacturer and tested as a virtual assembly. Classification of fire resistant glass is a mandated requirement within the European Community.

NOTE 2 The term “insulating” when used as an insulating glass unit according to EN 1279–1, should not be confused with the term “insulation” used in EN 13501–2 classification standard for fire resistant glazed element.