

STN	Rozšírená aplikácia výsledkov skúšok požiarnej odolnosti Nenosné steny Časť 5: Sendvičové panely s kovovým plášťom	STN EN 15254-5 92 0220
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Extended application of results from fire resistance tests - Non-loadbearing walls - Part 5: Metal sandwich panel construction

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Extended application of results from fire resistance tests - Non-loadbearing walls - Part 5: Metal sandwich panel construction

Application étendue des résultats d'essais de
résistance au feu - Murs non porteurs - Partie 5 :
Panneaux sandwichés métalliques pour la construction

Erweiterter Anwendungsbereich der Ergebnisse von
Feuerwiderstandsprüfungen - Nichttragende Wände -
Teil 5: Sandwichelemente in Metallbauweise

This European Standard was approved by CEN on 8 January 2018.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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European foreword

This document (EN 15254-5:2018) has been prepared by Technical Committee CEN/TC 127 “Fire safety in buildings”, the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by October 2018, and conflicting national standards shall be withdrawn at the latest by October 2018.

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

This document supersedes EN 15254-5:2009.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This standard is currently composed of the following parts:

- EN 15254-2, *Extended application of results from fire resistance tests — Non-loadbearing walls — Part 2: Masonry and Gypsum Blocks;*
- EN 15254-4, *Extended application of results from fire resistance tests — Non-loadbearing walls — Part 4: Glazed constructions;*
- EN 15254-5, *Extended application of results from fire resistance tests — Non-loadbearing walls — Part 5: Metal sandwich panel construction;*
- EN 15254-6, *Extended application of results from fire resistance tests — Non-loadbearing walls — Part 6: Curtain walling;*
- EN 15254-7, *Extended application of results from fire resistance tests — Non-loadbearing walls — Part 7: Non-load bearing sandwich panels — Ceilings.*

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EN15254-5:2018 (E)

1 Scope

This document defines rules for extended applications, provides guidance, and, where appropriate, defines procedures, for variations of certain parameters and factors associated with the design of internal and external non-loadbearing walls constructed of metal sandwich panels and that have been tested in accordance with EN 1364-1, which could generate a classification in accordance with EN 13501-2.

EN 15254-5 applies for self-supporting, double skin metal faced sandwich panels having an insulating core bonded to both facings as defined in EN 14509.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1363-1, *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 1993-1-2, *Eurocode 3: Design of steel structures — Part 1-2: General rules — 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*

EN 14509, *Self-supporting double skin metal faced insulating panels — Factory made products - Specifications*

EN 15725, *Extended application reports on the fire performance of construction products and building elements*

EN ISO 13943, *Fire safety — Vocabulary (ISO 13943)*

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