

## DIN EN 15254-5



ICS 13.220.50; 91.060.10

Supersedes  
DIN EN 15254-5:2010-04

**Extended application of results from fire resistance tests –  
Non-loadbearing walls –  
Part 5: Metal sandwich panel construction;  
English version EN 15254-5:2018,  
English translation of DIN EN 15254-5:2018-06**

Erweiterter Anwendungsbereich der Ergebnisse von Feuerwiderstandsprüfungen –  
Nichttragende Wände –  
Teil 5: Sandwichelemente in Metallbauweise;  
Englische Fassung EN 15254-5:2018,  
Englische Übersetzung von DIN EN 15254-5:2018-06

Application étendue des résultats des essais de résistance au feu –  
Murs non porteurs –  
Partie 5: Panneaux sandwichs métalliques pour la construction;  
Version anglaise EN 15254-5:2018,  
Traduction anglaise de DIN EN 15254-5:2018-06

Document comprises 24 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

*A comma is used as the decimal marker.*

## National foreword

This document (EN 15254-5:2018) has been prepared by Technical Committee CEN/TC 127 “Fire safety in buildings” (Secretariat: BSI, United Kingdom).

The responsible German body involved in its preparation was *DIN-Normenausschuss Bauwesen* (DIN Standards Committee Building and Civil Engineering), Working Committee NA 005-52-02 AA “Reaction to fire of building materials and building components — Building components (national mirror committee for CEN/TC 127/WG 1 and sub-sections of CEN/TC 127/WG 7 and ISO/TC 92/SC 2)”.

## Amendments

This standard differs from DIN EN 15254-5:2010-04 as follows:

- a) the extrapolation of test results has been limited. For the condition that, if 20 % of the test result for fire resistance time is overrun, the span length may now only be doubled. Greater extrapolations are only allowed for longer overrun times. The maximum permissible extension of span length is now 10 m (previously 12 m);
- b) the extrapolation of span lengths based on geometrical quantities (opening up of joints and deflection difference at midspan) has been removed from Annex B. However, these two parameters are still to be measured during testing in order to obtain a larger amount of data for future extrapolation rules based on these quantities;
- c) the standard has been editorially revised.

## Previous editions

DIN EN 15254-5: 2010-04

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 sandwichs 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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