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Standards

Irish Standard
I.S. EN 15882-5:2021

Extended application of results from fire resistance tests for service installations - Part 5: Combined penetration seals

I.S. EN 15882-5:2021

Incorporating amendments/corrigenda/National Annexes issued since publication:

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NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

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National Foreword

I.S. EN 15882-5:2021 is the adopted Irish version of the European Document EN 15882-5:2021, Extended application of results from fire resistance tests for service installations - Part 5: Combined penetration seals

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EUROPEAN STANDARD

EN 15882-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2021

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English Version

Extended application of results from fire resistance tests for service installations - Part 5: Combined penetration seals

Application étendue des résultats des essais de
résistance au feu des installations de service - Partie 5 :
Calfeutrements de trémie combinés

Erweiterter Anwendungsbereich der Ergebnisse aus
Feuerwiderstandsprüfungen für Installationen - Teil 5:
Kombinierte Abschottungen

This European Standard was approved by CEN on 25 July 2021.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 15882-5:2021) has been prepared by Technical Committee CEN/TC 127 “Safety in fire”, 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of an identical text or by endorsement, at the latest by April 2022, and conflicting national standards shall be withdrawn at the latest by April 2022.

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 series has the general title *Extended application of results from fire resistance tests for service installations* and consists of the following parts:

- Part 1: Fire resisting ducts
- Part 2: Fire dampers
- Part 3: Penetration seals
- Part 5: Combined penetration seals

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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EN 15882-5:2021 (E)**1 Scope**

The purpose of this document is to provide the principles and guidance for the preparation of extended application documents for combined penetration seals where the systems were tested in accordance with (EN 1366-3 and EN 1366-1) or (EN 1366-3 and EN 1366-2). The field of the extended application document is additional to the direct field of application given within EN 1366-1, EN 1366-2 and EN 1366-3 and can be applied on a number of tests from each standard, which provide the relevant information for the formulation of an extended application.

This EXAP is intended to allow the penetration sealing of more than one service (e.g. cables, pipes, conduits) and four-sided fire resisting ducts (ventilation ducts) or fire dampers in the same penetration.

This EXAP is not used for extended applications in accordance with EN 1366-8, EN 1366-10 and/or EN 1366-12 (this will be dealt with in the next revision of the standard).

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 1366-1, *Fire resistance tests for service installations — Part 1: Ventilation ducts*

EN 1366-2, *Fire resistance tests for service installations - Part 2: Fire dampers*

EN 1366-3, *Fire resistance tests for service installations - Part 3: Penetration seals*

EN 15882-1, *Extended application of results from fire resistance tests for service installations — Part 1: Ducts*

EN 13501-1, *Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests*

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

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

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