
Preskusi požarne odpornosti servisnih inštalacij - 12. del: Nemehanske požarne pregrade za prezračevalne kanale

Fire resistance tests for service installations - Part 12: Non-mechanical fire barrier for ventilation ductwork

Feuerwiderstandsprüfungen für Installationen - Teil 12: Nichtmechanische Brandschutzverschlüsse für Lüftungsleitungen

Essais de résistance au feu des installations techniques - Partie 12: Barrière résistante au feu non mécanique pour les conduits de ventilation

Ta slovenski standard je istoveten z: EN 1366-12:2014/prA1

ICS:

13.220.50	Požarna odpornost gradbenih materialov in elementov	Fire-resistance of building materials and elements
91.060.40	Dimniki, jaški, kanali	Chimneys, shafts, ducts

SIST EN 1366-12:2014/oprA1:2019 **en,fr,de**

ITeH STANDARD PREVIEW
(standards.iteh.ai)

Full standard:
<https://standards.iteh.ai/catalog/standards/sist/49339d81-6d0e-4d21-bd22-2daa1baec873/sist-en-1366-12-2014-oprA1-2019>

EUROPEAN STANDARD
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EN 1366-12:2014
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ICS 13.220.50; 91.140.30

English Version

Fire resistance tests for service installations - Part 12: Non-mechanical fire barrier for ventilation ductwork

Essais de résistance au feu des installations techniques
- Partie 12: Barrière résistante au feu non mécanique
pour les conduits de ventilation

Feuerwiderstandsprüfungen für Installationen - Teil
12: Nichtmechanische Brandschutzverschlüsse für
Lüftungsleitungen

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 127.

This draft amendment A1, if approved, will modify the European Standard EN 1366-12:2014. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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European foreword

This document (EN 1366-12:2014/prA1:2019) has been prepared by Technical Committee CEN/TC 127 “Fire safety in buildings”, the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

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

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EN 1366-12:2014/prA1:2019 (E)**1 Modification to the European foreword**

Replace:

“This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of the Construction Product Directive.”

with:

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

2 Modifications to Clause 10, Test procedure

Replace subclause 10.1.6 with the following text:

10.1.6 If the leakage at 300 Pa of the connecting duct and measuring station is more than 12 m³/h, improve the sealing of joints in the construction until the leakage criterion can be met. For pressure differentials higher than 300 Pa the leakage of 12 m³/h shall be increased by a factor $(P(\text{test})/300)^{0,67}$.

Replace subclause 10.2.5 with the following text:

10.2.5 When the pressure difference across the non-mechanical fire barrier reaches 300 Pa or at 2 min (whichever occurs first), continuously adjust the exhaust fan to maintain an under pressure of (300 ± 15) Pa (or higher under pressure, subject to 5 % tolerance) in the connecting duct relative to the furnace. If the sponsor has requested a higher pressure differential this will replace the 300 Pa referred to in the clauses above. However the same pass-fail criteria shall then be applied (see 11a). An observation shall be recorded.

The system shall then be run with the pressure difference being continuously controlled to $300 \text{ Pa} \pm 15 \text{ Pa}$. At 3 min from the commencement of the test the first classification leakage reading shall be recorded. The criteria for leakage classification shall then be applied (see 11a).

Delete subclause 10.2.6 and renumber subclause 10.2.7.

3 Modification to Clause 11, Performance criteria

In lines 1 and 3, replace “5 min” with “3 min”.