



Nederlandse norm

NEN-EN 15650

(en)

Ventilatie van gebouwen - Brandkleppen in
kanalen

Ventilation for buildings - Fire dampers

Vervangt NEN-EN 15650:2007 Ontw.

ICS 91.140.30
april 2010

Als Nederlandse norm is aanvaard:
 - EN 15650:2010, IDT

VOORBEELD
 Preview

Normcommissie 351074 "Klimaatberedering in gebouwen"

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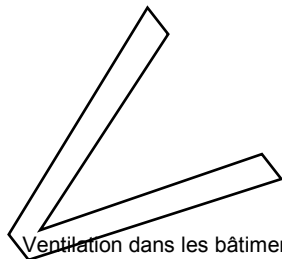
Nederlands voorwoord

Voor de in deze norm vermelde normatieve verwijzingen bestaan in Nederland de volgende equivalenten:

<u>vermelde norm</u>	<u>Nederlandse norm</u>	<u>titel</u>
EN 1366-2:1999	NEN-EN 1366-2:1999	Bepaling van de brandwerendheid van installaties - Deel 2: Brandkleppen
EN 1751	NEN-EN 1751	Ventilatie van gebouwen - Onderdelen van het luchtverdeelsysteem - Aerodynamische beproeving van dempers en afsluiters
EN 13501-3:2005	NEN-EN 13501-3:2006	Brandclassificatie van bouwproducten en bouwdelen - Deel 3: Classificatie op grond van resultaten van brandwerendheidsproeven op onderdelen van installaties in gebouwen anders dan RWA installaties
EN 60068-2-52:1996	NEN 10068-2-52:1996	Klimatologische en mechanische beproevingsmethoden voor elektrotechnische producten - Deel 2: Beproevingen - sectie 52: Proef Kb: Zoutnevel, cyclisch (natriumchloride-oplossing)
EN 60529:1991	NEN 10529:1992	Beschermingsgraden van omhulsels van elektrisch materieel (IP-codering)
EN ISO 5135	NEN-EN-ISO 5135	Akoestiek - Bepaling van geluidvermogniveaus van luchttoevoerroosters en luchtafzuigventielen, dempers en kleppen door middel van metingen in een nagalmkamer
EN ISO 13943:2000	NEN-EN-ISO 13943:2000	Brandveiligheid - Woordenlijst
ISO 10294-4:2001	-	-

Voorbeeld
Preview

ICS 91.140.30



English Version

Ventilation for buildings - Fire dampers

Ventilation dans les bâtiments - Clapets coupe-feu

Lüftung von Gebäuden - Brandschutzklappen

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Foreword

This document (EN 15650:2010) has been prepared by Technical Committee CEN/TC 156 "Ventilation for 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of an identical text or by endorsement, at the latest by October 2010, and conflicting national standards shall be withdrawn at the latest by October 2010.

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For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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Introduction

This standard contains the basic performance and requirements for fire dampers.

A fire damper is used to prevent fire and reduce smoke spreading from one fire compartment to another through the air ductwork system which may penetrate fire separating walls and floors. Annex A gives descriptions of typical fire dampers.

Where the words separating element are used in this standard, they should be taken to mean e.g. a wall, a floor, a ceiling or any other barrier that is designed to maintain compartmentation. This covers any type of construction (e.g. block and mortar, concrete, board or mineral wool).

In the case of fire or elevated temperatures, the dampers should close automatically by means contained within their own construction (a thermal activation element). As an addition, fire dampers may be closed by an external input.

Particular reference should be made to EN 1366-2, which defines the furnace testing associated with these products and EN 13501-2, which provides details on their fire resistance classification. Consideration of any caution notices within any fire testing standards (e.g. health and safety) should be considered before undertaking any fire testing.

In addition, the aerodynamic performance of fire dampers should be tested to EN 1751, if such information is to be presented by a manufacturer.

The areas for which products supplied to this standard are considered applicable include, but are not limited to:

- a) commercial premises;
- b) shopping and retail centres;
- c) hospitals;
- d) multi-residential buildings.

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