



NSAI
Standards

Irish Standard
I.S. EN 16475-7:2016

Chimneys - Accessories - Part 7: Rain caps - Requirements and test methods

I.S. EN 16475-7:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

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EUROPEAN STANDARD

EN 16475-7

NORME EUROPÉENNE

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English Version

Chimneys - Accessories - Part 7: Rain caps - Requirements and test methods

Conduits de cheminée - Accessoires - Partie 7:
Chapeaux pare-pluie - Exigences et méthodes d'essai

Abgasanlagen - Zubehörteile - Teil 7: Regenhauben -
Anforderungen und Prüfmethoden

This European Standard was approved by CEN on 27 November 2015.

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European foreword

This document (EN 16475-7:2016) has been prepared by Technical Committee CEN/TC 166 “Chimneys”, the secretariat of which is held by ASI.

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of an identical text or by endorsement, at the latest by July 2016, and conflicting national standards shall be withdrawn at the latest by October 2017.

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

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

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

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 16475-7:2016 (E)

Introduction

EN 16475-7 is a part of the series of standards for “Chimneys — Accessories” and consists of:

- *Part 1: Silencers*
- *Part 2: Chimney fans*
- *Part 3: Draught regulators, standstill opening devices and combined secondary air devices*
- *Part 4: Flue dampers*
- *Part 5: Explosion/implosion relief devices*
- *Part 6: Access components*
- *Part 7: Rain caps (this part)*

1 Scope

This European Standard specifies requirements and test methods for rain caps that are used as components, subject to flue gas, in order to protect against rain entry into the chimney flues.

Rain caps which are part of components of a system chimney or other components of a chimney such as terminals, are not covered by this European Standard.

It also specifies the requirements for marking, manufacturers' instruction, product information and attestation and verification of constancy of performance (AVCP).

NOTE Rain caps according to this standard are suitable for both dry and wet chimney applications.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 206, *Concrete — Specification, performance, production and conformity*

EN 1443, *Chimneys — General requirements*

EN 1856-2:2009, *Chimneys — Requirements for metal chimneys — Part 2: Metal flue liners and connecting flue pipes*

EN 1857, *Chimneys — Components — Concrete flue liners*

EN 1858, *Chimneys — Components — Concrete flue blocks*

EN 14297, *Chimneys — Freeze-thaw resistance test method for chimney products*

EN 14471:2013+A1:2015, *Chimneys — System chimneys with plastic flue liners — Requirements and test methods*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 1443 and the following apply.

3.1

rain cap

product to protect against rain entry into the chimney flue

3.2

flow resistance of the rain cap

additional pressure loss due to the flow of the flue gas passing the rain cap

3.3

nominal flue size

numerical designation of flue size which the rain cap is protecting against rain ingress, which is a convenient round number equal to or approximately equal to either the internal diameter in millimetres of circular flue liners, the internal width in millimetres of square flue liners or the internal width and breadth in millimetres of the cross section of rectangular flue liners

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