

**KORSTNAD. TARVIKUD. OSA 7: SADEMEKATTED.
NÕUDED JA KATSEMEETODID**

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

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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 Prüfmethode

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Contents

Page

European foreword.....	5
Introduction	6
1 Scope	7
2 Normative references	7
3 Terms and definitions	7
4 Product characteristics	8
4.1 General	8
4.2 Dimensions and tolerances	8
4.3 Mechanical resistance and stability	9
4.3.1 Compressive strength	9
4.3.2 Wind load	9
4.3.3 Resistance to freeze-thaw	9
4.4 Thermal performance	9
4.4.1 Reaction to fire	9
4.4.2 Fire resistance	9
4.5 Hygiene, health and environment	10
4.5.1 Corrosion resistance	10
4.5.2 Dangerous substances	10
4.6 Additional criteria for chimney operation	10
4.6.1 Cleaning of the chimney	10
4.6.2 Rainwater ingress	10
4.6.3 Flow resistance of the rain cap	11
4.6.4 Ice formation	11
5 Testing, assessment and sampling methods	11
5.1 Mechanical resistance and stability	11
5.1.1 General	11
5.1.2 Compressive strength	11
5.1.3 Wind load	12
5.2 Thermal performance	13
5.2.1 Test assembly	13
5.2.2 Test Procedure	14
5.3 Additional criteria for chimney operation	15
5.3.1 Rainwater ingress	15
5.3.2 Flow resistance of the rain cap	17
6 Assessment and Verification of the Constancy of Performance (AVCP)	19
6.1 General	19
6.2 Type testing	19
6.2.1 General	19
6.2.2 Manufacturer's declaration for type test	20
6.2.3 Test samples, testing and compliance criteria	20
6.2.4 Sampling for type testing	20
6.2.5 Further type testing	20
6.2.6 Test reports	21

6.2.7	Shared other party results	21
6.2.8	Cascading determination of the product type results	21
6.3	Factory production control (FPC)	23
6.3.1	General	23
6.3.2	Sampling	23
6.4	Requirements.....	23
6.4.1	General	23
6.4.2	Equipment.....	24
6.4.3	Raw materials and components	24
6.4.4	Product specific requirements	26
6.4.5	Procedure for modifications.....	27
7	Product information.....	27
7.1	Manufacturer's instructions	27
7.2	Minimum information to be included in the manufacturer's instructions	27
8	Classification and designation	28
8.1	General	28
8.2	Temperature classes and test temperature.....	28
8.3	Corrosion resistance.....	29
8.4	Soot fire resistance.....	29
9	Marking, labelling and packaging.....	30
9.1	Rain cap.....	30
9.2	Packaging.....	30
	Annex A (informative) Deemed to satisfy information.....	31
	Annex B (informative) Coefficients of flow resistance	33
	Annex C (normative) Choice of size for type test and sampling.....	34
C.1	General	34
C.2	Fire resistance	34
C.3	Mechanical resistance and stability.....	34
C.4	Rainwater ingress.....	34
C.5	Flow resistance.....	34
C.6	Resistance to freeze-thaw	34
	Annex D (informative) Example of sampling for factory production control.....	35
D.1	Sampling plans.....	35
D.1.1	General	35
D.1.2	Acceptable quality level (AQL).....	35
D.1.3	The inspection level.....	35
D.1.4	Normal, tightened or reduce inspection	35
D.1.5	Single, double, multiple or sequential sampling.....	35
D.1.6	Batch quantity.....	35
D.2	Inspection levels and procedures.....	36
D.2.1	Incoming material	36
D.2.2	In-process inspection	36

D.2.3 Volume and density checks 36

D.2.4 Finished goods checks 36

Annex E (normative) Method of measuring the hot gas temperature 37

Annex ZA (informative) Relationship of this European Standard with Regulation (EU)
No.305/2011 38

ZA.1 Scope and relevant characteristics 38

ZA.2 System of Assessment and Verification of Constancy of Performance (AVCP) 38

ZA.3 Assignment of AVCP tasks 38

Bibliography 40

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.

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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