

STN	Komíny Príslušenstvo Časť 7: Protidažďové kryty Požiadavky a skúšobné metódy	STN EN 16475-7+A1 73 4220
------------	---	---

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

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/20

Obsahuje: EN 16475-7:2016+A1:2020

Oznámením tejto normy sa ruší
STN EN 16475-7 (73 4220) z júna 2016

131589

EUROPEAN STANDARD

EN 16475-7:2016+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2020

ICS 91.060.40

Supersedes EN 16475-7:2016

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 Prüfverfahren

This European Standard was approved by CEN on 27 November 2015 and includes Amendment approved by CEN on 13 March 2020.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists 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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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

Contents	Page
European foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Product characteristics	6
4.1 General	6
4.2 Dimensions and tolerances	7
4.3 Mechanical resistance and stability	7
4.4 Thermal performance	7
4.5 Hygiene, health and environment	8
4.6 Additional criteria for chimney operation	8
5 Testing, assessment and sampling methods	9
5.1 Mechanical resistance and stability	9
5.2 Thermal performance	11
5.3 Additional criteria for chimney operation	14
6 Product information	18
6.1 Manufacturer's instructions	18
6.2 Minimum information to be included in the manufacturer's instructions	18
7 Classification and designation	19
7.1 General	19
7.2 Temperature classes and test temperature	19
7.3 Corrosion resistance	19
7.4 Soot fire resistance	20
8 Marking, labelling and packaging	20
8.1 Rain cap	20
8.2 Packaging	20
Annex A (informative) Deemed to satisfy information	21
Annex B (informative) Coefficients of flow resistance	23
Annex C (normative) Choice of size for type test and sampling	24
Annex D (normative) Method of measuring the hot gas temperature	26
Bibliography	28

European foreword

This document (EN 16475-7:2016+A1:2020) 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 January 2021, and conflicting national standards shall be withdrawn at the latest by January 2021.

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 document includes Amendment 1 approved by CEN on 13 March 2020.

This document supersedes EN 16475-7:2016.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association **A1** *deleted text* **A1**.

A1 *deleted text* **A1**

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

EN 16475-7:2016+A1:2020 (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*

A1 deleted text A1

- *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.

A1 Rain caps which have not the same opening on all sides or do not have at least the same shape and cross section on the opposite sides are not covered by this European Standard. **A1**

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 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 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*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN