

Korstnad. Keraamilised lõõrid. Nõuded ja katsemeetodid

Chimneys -Clay/Ceramic Flue Liners - Requirements
and test methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1457:1999 sisaldab Euroopa standardi EN 1457:1999 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 23.11.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1457:1999 consists of the English text of the European standard EN 1457:1999.</p> <p>This document is endorsed on 23.11.1999 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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ICS 91.060.40

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EUROPEAN STANDARD

EN 1457

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 1999

ICS 91.060.40

Descriptors: flue ducts, ceramics, definitions, classifications, dimensional tolerances, compressive strength, thermal shock tests, water absorption tests, density (mass/volume), acid resistance, sampling, tests, designation, marking

English version

Chimneys - Clay/Ceramic Flue Liners - Requirements and test methods

Conduits de fumée - Conduits intérieurs en terre cuite/ceramique - Exigences et méthodes d'essai

Abgasanlagen - Keramik-Innenrohre - Anforderungen und Prüfungen

This European Standard was approved by CEN on 26 December 1998.

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

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Contents

	Page
Foreword	3
1 Scope	4
2 Normative references	4
3 Flue liners and openings	4
4 Definitions	6
5 Classes of flue liner	7
6 Materials	9
7 Dimensions	9
8 Proof load	10
9 Gastightness (leakage test) after thermal testing for straight flue liners	11
10 Acid resistance	12
11 Water absorption and bulk density	13
12 Sweeping resistance	13
13 Water and vapour flow resistance	13
14 Thermal resistance	13
15 Evaluation of conformity	14
16 Test methods	15
17 Designation	28
18 Marking	30
Annex A (normative) Sampling procedures for an AQL of 10% and inspection level S2	31
Annex B (informative) Thermal resistance	35

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 166 "Chimneys", the secretariat of which is held by UNI.

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 1999, and conflicting national standards shall be withdrawn at the latest by July 1999.

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 EU Directive(s).

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

On drafting this standard the provisional requirements already available from prEN 1443 were taken into account. When further requirements are received, any necessary amendments will be made.

1 Scope

This European standard is a product standard for clay/ceramic flue liners with solid walls or walls with vertical perforations for use in the construction of chimneys and flue pipes which serve to convey products of combustion from fireplaces or heating appliances to the atmosphere by negative or positive pressure. It includes the flue liners used for domestic and industrial chimneys which are not structurally independent (free-standing). This standard specifies the performance requirements for factory made flue liners and chimney fittings. Testing, marking and inspection are covered by this standard.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 312-4	Particleboards - Specifications - Part 4: Requirements for load-bearing boards for use in dry conditions
prEN 1443	Chimneys - General requirements
EN 10088-1	Stainless steels - Part 1: List of stainless steels
EN 45012	General requirements for bodies operating assessment and certification/registration quality systems (ISO/IEC Guide 62:1996)
EN ISO 9002	Quality systems - Model for quality assurance in production, installation and servicing (ISO 9002:1994)
ISO 2859-1	Sampling procedures for inspection by attributes - Part 1: Sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection
ISO/DIS 7500-1	Metallic materials - Verification of static uniaxial testing machines - Part 1 : Tension/compression testing machines (Revision of ISO 7500-1:1986)

3 Flue liners and openings

3.1 Flue liner cross-sections

Flue liners shall be either:-

- a) circular in cross-section with rebated or spigot and socket ends;
- b) square or rectangular in cross-section with rebated ends and rounded internal corners;
- c) circular, square or rectangular in cross-section with butt joints and jointed with a sleeve;
- d) circular or square in cross-section with taper joints.