

**Korstnad. Nõuded metallkorstendele.
Osa 2: Metallvoodrid ja
ühenduslõõritorud**

Chimneys - Requirements for metal chimneys - Part
2: Metal liners and connecting flue pipes

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1856-2:2004 sisaldab Euroopa standardi EN 1856-2:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 26.10.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1856-2:2004 consists of the English text of the European standard EN 1856-2:2004.</p> <p>This document is endorsed on 26.10.2004 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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<p>Käsitlusala:</p> <p>This European Standard specifies the performance requirements for rigid or flexible metal liners, rigid connecting flue pipes and rigid fittings used to convey the products of combustion from appliances to the outside atmosphere (including their supports)</p>	<p>Scope:</p> <p>This European Standard specifies the performance requirements for rigid or flexible metal liners, rigid connecting flue pipes and rigid fittings used to convey the products of combustion from appliances to the outside atmosphere (including their supports)</p>
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English version

Chimneys - Requirements for metal chimneys - Part 2: Metal liners and connecting flue pipes

Conduits de fumée - Prescriptions relatives aux conduits de fumée métalliques - Partie 2: Tubages et éléments de raccordement métalliques

Abgasanlagen - Anforderungen an Metall-Abgasanlagen - Teil 2: Innenrohre und Verbindungsstücke

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Foreword

This document (EN 1856-2:2004) 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of an identical text or by endorsement, at the latest by January 2005, and conflicting national standards shall be withdrawn at the latest by April 2006.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Introduction

This document has been prepared to be a harmonised standard to provide means of conforming to the essential requirements of the Construction Product Directive and associated EFTA regulations.

The generic word “chimney”, when used in this document, refers to all products used to convey the products of combustion from appliances to the outside atmosphere, and thus includes all other terms of common use in the trade, such as: vents, flues, shafts, exhaust systems, ducts, etc.

This document addresses the durability against corrosion by the use of material specifications for the metal liners and connecting flue pipes as well as an interim solution for testing products. Three corrosion resistance tests have been adopted from existing corrosion testing being undertaken in various member states (see Annex A of EN 1856-1:2003).

It is intended to review the interim solution within a period of 5 years with the intention to develop a unique test method for durability against corrosion as a final solution.

1 Scope

This document specifies the performance requirements for rigid or flexible metal liners, rigid connecting flue pipes and rigid fittings used to convey the products of combustion from appliances to the outside atmosphere (including their supports).

Vitreous enamelled connecting flue pipes are also covered by this document.

Rigid liners can be used as flue liners for renovation or adaptation of existing chimneys and as flue liners of custom built chimneys.

Flexible metal liners described in this document are exclusively for renovation or adaptation of existing chimneys.

This document also specifies the requirements for marking, manufacturer's instructions, product information and evaluation of conformity.

Flexible connecting flue pipes and extensible flexible products designed to be compressed or extended along their length are excluded from the scope of this document.

Single wall and multi-wall system chimney products are covered by EN 1856-1.

2 Normative references

The following referenced documents are indispensable for the application 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 573-3, *Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 3: Chemical composition*.

EN 1443, *Chimneys - General requirements*.

EN 1856-1:2003, *Chimneys - Requirements for metal chimneys - Part 1: System chimney products*.

EN 1859:2000, *Chimneys - Metal chimneys - Test methods*.

EN 10025, *Hot rolled products of structural steels - Part 5: Technical delivery conditions for structural steels with improved atmospheric corrosion resistance*

EN 10088-1, *Stainless steel - Part 1: List of stainless steel*.

EN 10154, *Continuously hot-dip Aluminium-Silicon (AS) coated steel strip and sheet - Technical delivery conditions*.

EN 10209:1996, *Cold rolled low carbon steel flat products for vitreous enamelling - Technical delivery conditions*.

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 1856-1:2003 and the following apply.

3.1

bending radius

minimum radius measured on the inner side of a flexible liner when bent