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See start of validity

**Chimneys –  
Requirements for metal chimneys –  
Part 1: System chimney products  
English version of DIN EN 1856-1:2009-09**

Abgasanlagen –  
Anforderungen an Metall-Abgasanlagen –  
Teil 1: Bauteile für System-Abgasanlagen  
Englische Fassung DIN EN 1856-1:2009-09

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## **Start of validity**

This standard takes effect on 1 September 2009.

It should be noted that, in Germany, CE conformity marking of construction products will be permitted once this standard has been listed in the *Bundesanzeiger* (German Federal Gazette) and from the date given therein.

## **National foreword**

This standard has been prepared by Technical Committee CEN/TC 166 “Chimneys” (Secretariat: UNI, Italy).

The responsible German body involved in its preparation was the *Normenausschuss Bauwesen* (Building and Civil Engineering Standards Committee), Technical Committee NA 005-11-17 AA *Abgasanlagen aus Metall*.

## **Amendments**

This standard differs from DIN EN 1856-1:2006-08 as follows:

- a) Clause 2 “Normative references” has been updated.
- b) Table 2 has been modified.
- c) Table 4 has been extended.
- d) Clause 9 “Product designation” has been extended.

## **Previous editions**

DIN EN 1856-1: 2003-09, 2006-08

## **National Annex NA** (informative)

## **Bibliography**

DIN 1298, *Chimneys — Connecting flue pipes for heat generating systems — Metal pipes and fittings for flue gases from domestic heat generating systems for operation under negative pressure conditions*

DIN V 18160-1, *Chimneys — Part 1: Design and performance*

English Version

## Chimneys - Requirements for metal chimneys - Part 1: System chimney products

Conduits de fumée - Prescriptions pour les conduits de fumée métalliques - Partie 1: Composants de systèmes de conduits de fumée

Abgasanlagen - Anforderungen an Metall-Abgasanlagen - Teil 1: Bauteile für System-Abgasanlagen

This European Standard was approved by CEN on 7 May 2009.

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## **Foreword**

This document (EN 1856-1:2009) 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of an identical text or by endorsement, at the latest by December 2009, and conflicting national standards shall be withdrawn at the latest by March 2011.

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 supersedes EN 1856-1:2003.

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 EC Directive 89/106/EEC.

For relationship with EC Directive 89/106/EEC, 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

## **Introduction**

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

The generic word "chimney", when used in this European Standard, refers to systems with metallic liner used to convey the products of combustion from any appliance 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 European Standard addresses the durability against corrosion by the use of a minimum material specification for the flue liner as well as an interim solution for testing products for durability against corrosion. Three corrosion resistance tests and their requirements have been adopted from existing corrosion testing being undertaken in various member states (see Annex A).

This European Standard describes chimney components, from which system chimneys can be assembled as illustrated in Figure 1.