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CHIMNEYS - REQUIREMENTS AND TEST METHODS FOR CLAY/CERAMIC FLUE TERMINALS

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Chimneys - Requirements and test methods for clay/ceramic flue terminals

Conduits de fumée - Terminaux en terre cuite/céramique - Prescriptions et méthodes d'essai

Abgasanlagen - Anforderungen und Prüfverfahren für Keramik-Aufsätze

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Foreword

This document EN 13502:2002 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of an identical text or by endorsement, at the latest by April 2003, and conflicting national standards shall be withdrawn at the latest by July 2004.

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 directives, see informative annex ZA which is an integral part of this document.

Annex A is normative.

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, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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1 Scope

This European Standard specifies requirements and test methods for clay/ceramic flue terminals with solid walls, which serve to convey the products of combustion from the flue to the atmosphere by negative pressure. It includes terminals used on domestic and industrial chimneys which are not structurally independent (free standing). This standard specifies the performance requirements for factory made terminals. Marking and inspection are also 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 (including amendments).

EN 1443, *Chimneys – General requirements.*

ISO 2859-1, *Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection.*

3 Terms and Definitions

For the purposes of this European Standard, the terms and definitions given in EN 1443 and the following apply.

3.1
nominal size (DN)
numerical designation of size of the base of flue terminals which is a convenient round number equal to or approximately equal to either:

a) the internal diameter in millimetres of circular flue terminals;

b) the internal width in millimetres of square or octagonal flue terminals when measured between opposite parallel sides;

c) the internal width and breadth in millimetres of the cross section of rectangular flue terminals.

3.2
nominal height
numerical designation of the height in millimetres of a flue terminal which is a convenient round number approximately equal to the overall height of the flue terminal including any decoration

3.3
open-topped terminal
terminal designed for fitting directly to the outlet of an open flue system (see Figure 1) or covered terminal with outlets twice the cross-sectional area of the outlet flue. The hydraulic diameter remains constant throughout the height of the terminal

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