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CLAY ROOFING TILES AND FITTINGS - PRODUCT DEFINITIONS AND SPECIFICATIONS

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Foreword

This document (EN 1304:2005) has been prepared by Technical Committee CEN/TC 128 “Roof covering products for discontinuous laying and products for wall cladding”, the secretariat of which is held by IBN.

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of an identical text or by endorsement, at the latest by October 2005, and conflicting national standards shall be withdrawn at the latest by January 2007.

This document supersedes EN 1304:1998.

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.

This document is part of a package of standards on clay roofing tiles and fittings.

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.

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1 Scope

This document specifies requirements for clay roofing tiles and fittings for pitched roof coverings and wall cladding and lining.

It applies to all tiles and fittings as defined in Clause 3.

Clay roofing tiles and clay fittings which conform to this document are suitable for use as roof coverings, vertical wall cladding and lining.

This document defines the minimum requirements for a product which if satisfactory at the time of delivery will ensure that the product is able to perform its function in relation to the performance levels declared for it, whilst subjected to the changes that occur in such materials during normal conditions of use.

The results obtained according to the European Standard apply to products at the time they are offered for sale.

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 538, *Clay roofing tiles for discontinuous laying – Flexural strength test*

EN 539-1, *Clay roofing tiles for discontinuous laying – Determination of physical characteristics – Part 1: Impermeability test*

EN 539-2, *Clay roofing tiles for discontinuous laying – Determination of physical characteristics – Part 2: Test for frost resistance*

EN 1024, *Clay roofing tiles for discontinuous laying – Determination of geometric characteristics*

EN 13501-1, *Fire classification of construction products and building elements – Part 1: Classification using test data from reaction to fire tests*

prEN 13501-5, *Fire classification of construction products and building elements – Part 5: Classification using test data from external fire exposure to roof tests*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 General

3.1.1 clay roofing tiles

products for discontinuous laying on pitched roofs, and for wall cladding, which are manufactured by shaping (extrusion and/or pressing), drying and firing of the prepared clay, with or without additives.

All or part of their surface can be covered with an engobe or glaze.

The principal types of tile are:

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