KERAAMILISED KATUSEKIVID. GEOMEETRILISTE KARAKTERISTIKUTE MÄÄRAMINE

Clay roofing tiles for discontinuous laying - Determination of geometric characteristics

EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 1024:2012 sisaldab Euroopa standardi EN 1024:2012 ingliskeelset teksti.	This Estonian standard EVS-EN 1024:2012 consists of the English text of the European standard EN 1024:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 21.03.2012.	Date of Availability of the European standard is 21.03.2012.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

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EUROPEAN STANDARD

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EUROPÄISCHE NORM

EN 1024

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English Version

Clay roofing tiles for discontinuous laying - Determination of geometric characteristics

Tuiles de terre cuite pour pose en discontinu - Détermination des caractéristiques géométriques

Tondachziegle für überlappende Verlegung - Bestimmung der geometrischen Kennwerte

This European Standard was approved by CEN on 22 January 2012.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 1024:2012) 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 NBN.

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 September 2012, and conflicting national standards shall be withdrawn at the latest by September 2012.

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 1024:1997.

This European Standard is one of the series of standards dealing with clay roofing tiles as listed below:

— EN 1304, *Clay roofing tiles and fittings — Products definitions and specifications*

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

— EN 539, *Clay roofing tiles for discontinuous laying — Determination of physical characteristic*

This European Standard includes:

— an informative annex

Figure A.1 – Example of twist measurement device for tiles with sidelock and headlock, tiles with sidelock only and overlapping tiles.

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, Croatia, 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, Turkey and the United Kingdom.

1 Scope

This European standard specifies the methods for determining the geometric characteristics of clay tiles as defined in EN 1304, *Clay roofing tiles and fittings — Product definitions and specifications.*

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1304, *Clay tiles and fittings — Product definitions and specifications*

3 Symbols

L_1 maximum distance when measuring covering dimensions (length) in millimetres (mm);

L_2 minimum distance when measuring covering dimensions (length) in millimetres (mm);

l_1 maximum distance when measuring covering dimensions (width) in millimetres (mm);

l_2 minimum distance when measuring covering dimensions (width) in millimetres (mm);

L mean cover length in millimetres (mm);

L_M maximum cover length in millimetres (mm);

l mean cover width in millimetres (mm);

l_M maximum cover width in millimetres (mm);

H difference in height from the measuring point at the support bar or height in relation to a reference plane in millimetres (mm);

C twist coefficient in percent;

A tile length as declared by the manufacturer in millimetres (mm);

B tile width as declared by the manufacturer in millimetres (mm);

h_d height of camber as declared by the manufacturer in millimetres (mm);

h_m measured height of camber in millimetres (mm);

R camber in percentage;

Δh $|h_m - h_d|$ absolute value in millimetres (mm);

L_T total length of the tile in millimetres (mm);

l_T total width of the tile in millimetres (mm);

L_A measurement base in longitudinal direction in millimetres (mm);

L_B measurement base in transverse direction in millimetres (mm);

E_1 distance between the internal edges of an over - and under- tile at one of its extremities in millimetres (mm);

E_2 distance between the internal edges of an over - and under- tile at the other extremity in millimetres (mm).