

Savikatusekivid ülekattega laotistele. Füüsikaliste näitajate määramine. Osa 1: Veepidavusteim

Clay roofing tiles for discontinuous laying - Determination of physical characteristics - Part 1: Impermeability test

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 539-1:2002 sisaldab Euroopa standardi EN 539-1:1994 ingliskeelset teksti.

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EUROPEAN STANDARD

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EUROPÄISCHE NORM

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English version

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

Tuiles en terre cuite pour pose en discontinu
- Détermination des caractéristiques physiques
- Partie 1: Essai d'imperméabilité

Tondachziegel für überlappende Verlegung -
Bestimmung der physischen Charaktere - Teil 1:
Prüfung der Wasserundurchlässigkeit

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Foreword

This European Standard has been prepared by CEN/TC 128 "Roof covering products for discontinuous laying", the secretariat of which is held by ON.

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of an identical text or by endorsement, at the latest by November 1994, and conflicting national standards shall be withdrawn at the latest by November 1994.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

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1 Scope

This Part of this European standard describes two test methods for testing the impermeability to water of clay roof tiles and fittings which can be considered as equivalent.

Note: The methods are not applicable to all fittings, because of their different shapes

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.

EN 1304 : Clay Tiles - Product definitions 1).

3 Symbols and abbreviations

X_i	:	Length of time in hours, before the first drop of water falls.
$\bar{X}_i$	:	Average length of time, in hours before the first drop of water falls.
V_1	:	Volume of water passing through in 48 hours.
V_2	:	Volume of water evaporated in 48 hours.
A	:	Projected area of test piece in cm^2 .
d	:	One day.
h	:	hour.
IF	:	Impermeability factor (Method 1).
IC	:	Impermeability coefficient (Method 2).
HR	:	Relative Humidity.