

Plekist katusetooted. Isekandvate tsink- ja vaskplekist valmistatud toodete spetsifikatsioon

Roofing products from metal sheet - Specification for self-supporting products of copper or zinc sheet

EVS

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 506:2008 sisaldab Euroopa standardi EN 506:2008 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 18.08.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 09.07.2008.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 506:2008 consists of the English text of the European standard EN 506:2008.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 18.08.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 09.07.2008.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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characteristics, chemical composition, copper, copper alloys, designations, dimensional tolerances, dimensions, marking, metal plates, metal roofing, pitched roofs, quality control, roofs, specifications, zinc alloys, tests, titanium alloys

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English Version

Roofing products of metal sheet - Specification for self-supporting products of copper or zinc sheet

Produits de couverture en tôle métallique - Spécification
pour les plaques de couverture en tôle de cuivre ou de zinc

Dacheindeckungsprodukte aus Metallblech - Festlegungen
für selbsttragende Bedachungselemente aus Kupfer- oder
Zinkblech

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Foreword

This document (EN 506:2008) has been prepared by Technical Committee CEN/TC 128 “Roof covering 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of an identical text or by endorsement, at the latest by January 2009, and conflicting national standards shall be withdrawn at the latest by January 2009.

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.

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Introduction

Figure 1 indicates the position of this standard in the CEN framework of standards concerning roofing products of metal.

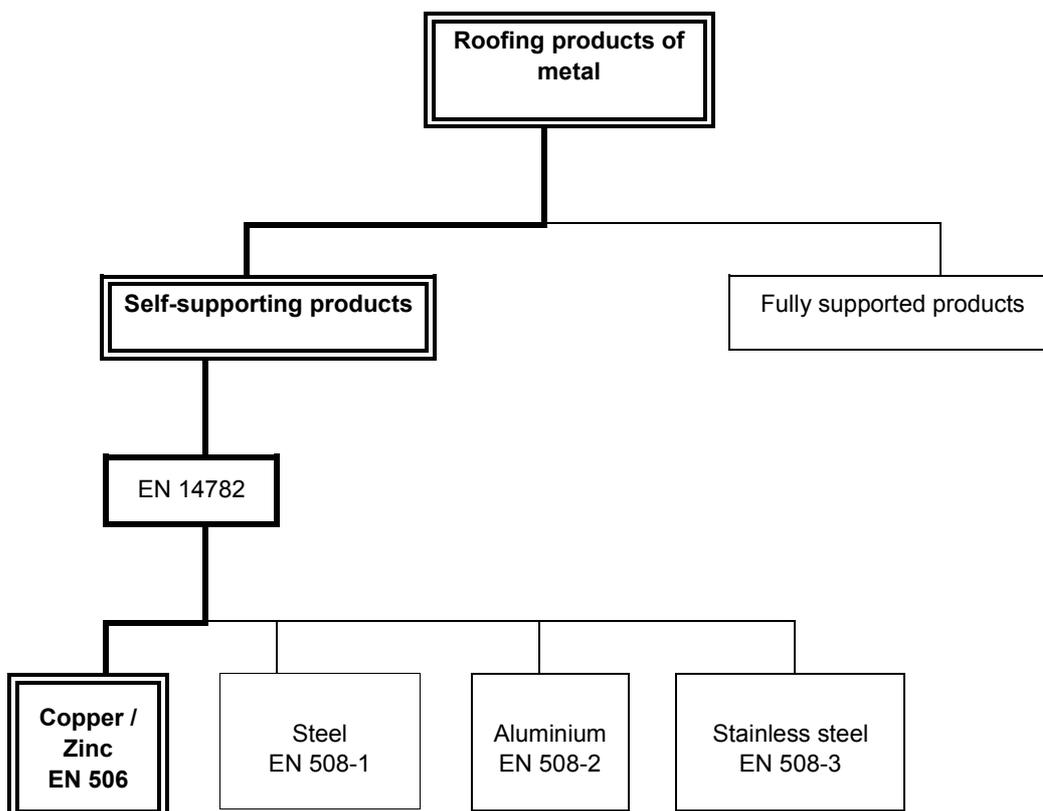


Figure 1 — Framework of standards

In this standard the performance of the product has been defined in terms of calculation and a number of type tests.

The performance of a roof constructed with these products depends not only on the properties of the product as required by this standard, but also on the design, construction and performance of the roof as a whole in relation to the environment and conditions of use.

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1 Scope

This European Standard specifies requirements for self-supporting roofing products for discontinuous laying made from copper or zinc-copper-titanium alloy sheet with or without additional organic coatings.

The standard establishes general characteristics, definitions and labelling for the products, together with requirements for the materials from which the products can be manufactured. It is intended to be used either by manufacturers to ensure that their products comply with the requirements or by purchasers to verify that the products comply before they are despatched from the factory. It specifies the requirements for products which enable them to meet all normal service conditions.

The standard applies to all discontinuously laid self-supporting external profiled sheets for roofing with the exception of tiles with a surface area less than 1 m² and produced by stamping. These profiled roof sheets are designed to keep wind, rain and snow out of the building and to transfer any resultant loads and infrequent maintenance loads to the structure.

No requirements for supporting construction, design of roof system and execution of connections and flashings are included.

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 988, *Zinc and zinc alloys - Specifications for rolled flat products for building*

EN 1172, *Copper and copper alloys - Sheet and strip for building purposes*

3 Terms and definitions, symbols and abbreviations

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

3.1 General

3.1.1

self-supporting product

product which will, by virtue of its material and shape, support all applied loadings (e.g. snow, wind, foot traffic) and transmit these loadings to discretely spaced structural supports.

3.2 Materials

3.2.1

copper

cold rolled copper sheets of grade Cu-DHP, phosphorus-deoxidized copper - high residual phosphorus

NOTE 1 The chemical composition is given in EN 1172.

NOTE 2 The system used for designating the materials specified in this standard is based on ISO 431 and ISO 1190-1.

3.2.2

zinc-copper-titanium

alloy made from zinc grade Z1 conforming to EN 1179, that is 99,995 % minimum zinc content, with addition of alloying elements and the composition of which is as specified in EN 988