

Plekist katusetooted. Täielikult toetatavate alumiiniumist valmistatud toodete spetsifikatsioon

Roofing products from metal sheet - Specification for fully supported roofing products of aluminium sheet

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 507:2000 sisaldab Euroopa standardi EN 507:1999 ingliskeelset teksti.

Standard on jõustunud sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 17.11.1999.

Standard on kättesaadav Eesti Standardikeskusest.

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This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.

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ICS 91.060.20

English version

Roofing products from metal sheet

**Specification for fully supported roofing products of
aluminium sheet**

Produits de couverture en tôle
métallique – Spécification pour les
produits de couverture en tôle
d'aluminium totalement supportés

Dachdeckungsprodukte aus Metall-
blech – Festlegungen für vollflächig
unterstützte Bedachungselemente
aus Aluminiumblech

This European Standard was approved by CEN on 1999-09-16.

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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CEN

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

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Foreword

This European Standard 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of an identical text or by endorsement, at the latest by May 2000, and conflicting national standards shall be withdrawn at the latest by May 2000.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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

Annex A is informative.

Introduction

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

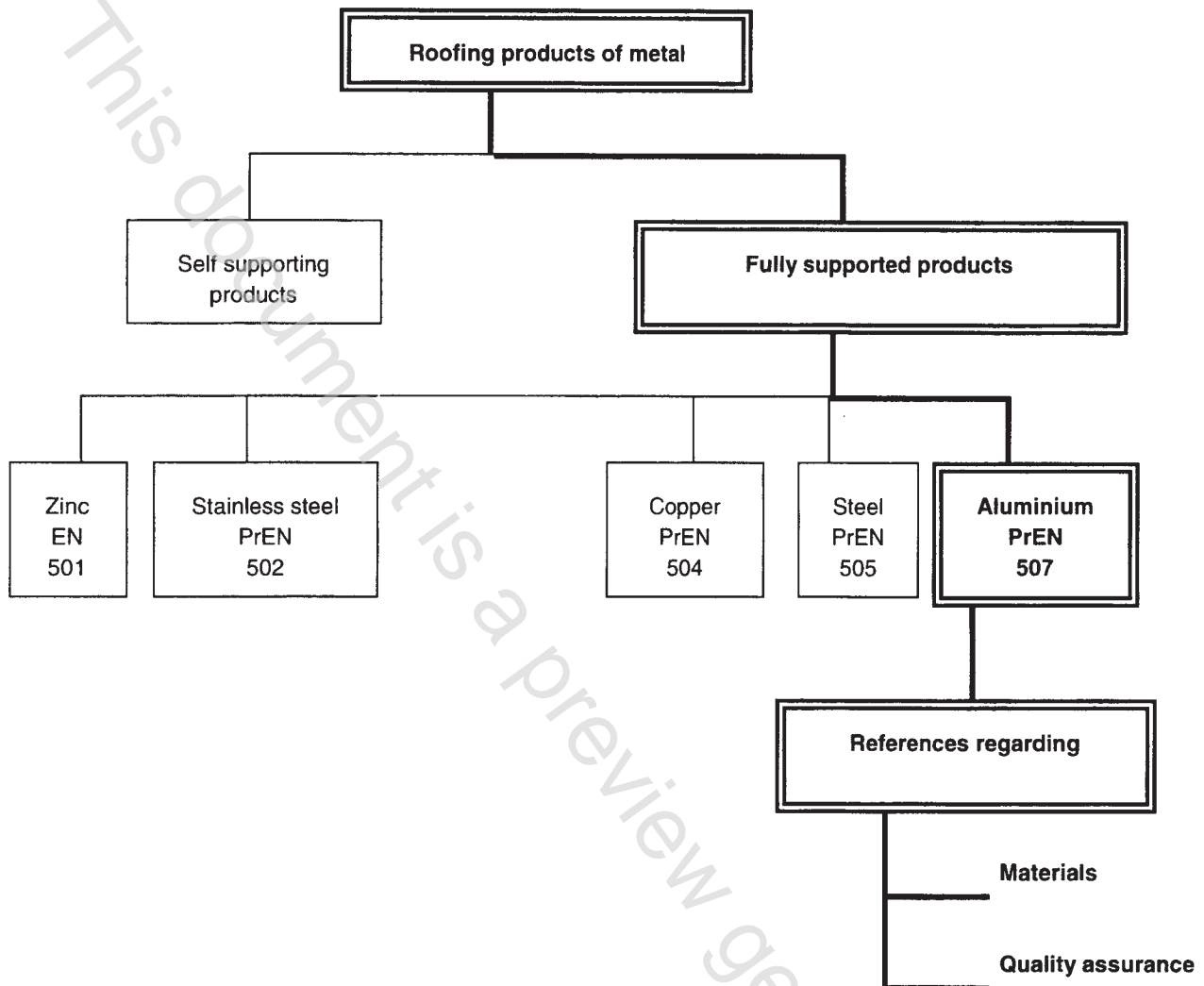


Figure 1 - Framework of standards

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

The performance of a roof constructed with these products depends not only on the properties of the product as it is 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.

1 Scope

This European Standard specifies requirements for roofing products used for assembly into coverings for pitched roofs, made from aluminium sheet with or without additional organic coatings.

The standard establishes general characteristics, definitions and labelling of 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. Products can be prefabricated or semifinished products as well as strip, coil and sheet for on-site-formed applications (e.g. standing seam roofs).

The standard applies to all discontinuously laid and fully supported roofing products made of aluminium sheets. No requirements for supporting construction, design of roof system and execution of connections and flashings are included.

NOTE The standard deals partly with flat products, partly with preformed (prefabricated) products. Requirements for preformed self-supporting products are given in prEN 508-2.

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 485-1, *Aluminium and aluminium alloys - Sheet, strip and plate - Part 1 : Technical conditions for inspection and delivery.*

EN 485-2, *Aluminium and aluminium alloys - Sheet, strip and plate - Part 2 : Mechanical properties.*

EN 485-4, *Aluminium and aluminium alloys - Sheet, strip and plate - Part 4 : Tolerances on space and dimensions for cold rolled products.*

EN 1396, *Aluminium and aluminium alloys - Coil coated sheet and strip for general applications – Specifications.*

EN 10204, *Metallic products - Types of inspection documents.*

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of this standard, the following definitions apply in addition to the definitions in EN 485-1.

3.1.1

fully supported

installation conditions such that the bottom flat portions of the products are supported by a continuous construction

3.1.2

aluminium

an alloy, consisting of the metal aluminium and other alloying metals

NOTE The alloys are defined by the content of the alloying element.

3.1.3

temper

material conditions after a production stage, for example mechanical treatment and/or heat treatment, intended to give the material physical and/or metallurgical properties