

**Roofing products from metal sheet -  
Specification for self-supporting  
products of steel, aluminium or  
stainless steel sheet - Part 3: Stainless  
steel**

Roofing products from metal sheet - Specification for  
self-supporting products of steel, aluminium or  
stainless steel sheet - Part 3: Stainless steel

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 508-3:2001 sisaldab Euroopa standardi EN 508-3:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.02.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 508-3:2001 consists of the English text of the European standard EN 508-3:2000.</p> <p>This document is endorsed on 16.02.2001 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>This part of the Standard specifies requirements for self supporting roofing products for discontinuous laying made from stainless steel sheet with or without additional metallic and/or organic coatings. The standard establishes general characteristics, definitions, classifications 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 when purchased before they are despatched from the factory. It specifies the requirements for products which enable to meet all normal service conditions.</p>	<p><b>Scope:</b></p> <p>This part of the Standard specifies requirements for self supporting roofing products for discontinuous laying made from stainless steel sheet with or without additional metallic and/or organic coatings. The standard establishes general characteristics, definitions, classifications 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 when purchased before they are despatched from the factory. It specifies the requirements for products which enable to meet all normal service conditions.</p>
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ICS 91.060.20

**Võtmesõnad:** characteristics, chemical composition, designation, dimensional tolerances, dimensions, marking, metal plates, metal roofing, organic coatings, quality control, roofs, specifications, stainless steel, tests

**English version**

**Roofing products from metal sheet**

Specification for self-supporting products of steel, aluminium or stainless steel sheet

Part 3: Stainless steel

Produits de couverture en tôle  
métallique – Spécification pour les  
plaques de couverture en tôle d'acier,  
d'aluminium ou d'acier inoxydable –  
Partie 3: Acier inoxydable

Dachdeckungsprodukte aus  
Metallblech – Festlegungen für  
selbsttragende Bedachungselemente  
aus Stahlblech, Aluminiumblech oder  
nicht rostendem Stahlblech – Teil 3:  
Nicht rostender Stahl

This European Standard was approved by CEN on 1999-12-03.

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 Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

**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 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 March 2001, and conflicting national standards shall be withdrawn at the latest by March 2001.

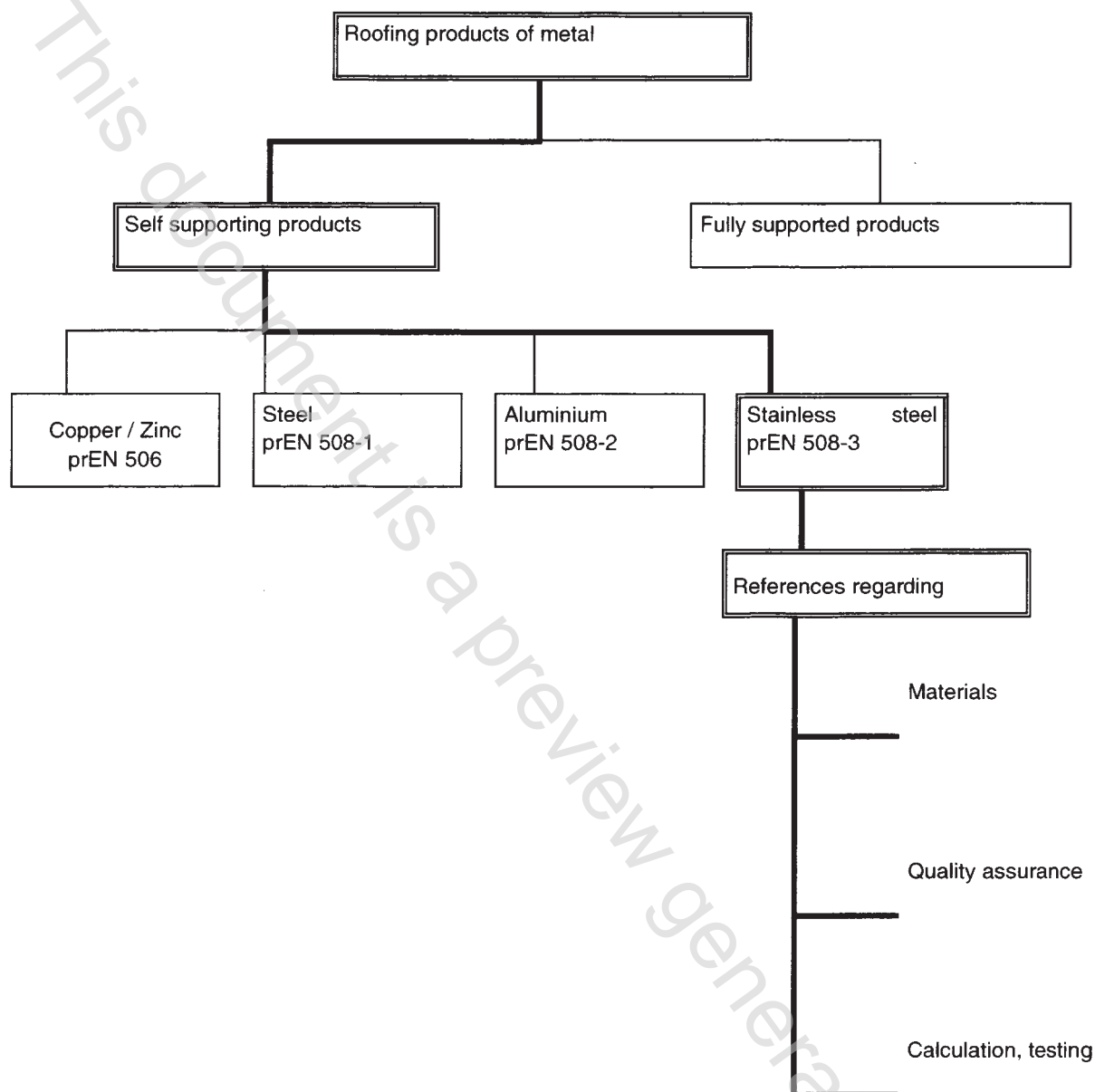
This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

The annexes A, C, D and E of this European standard are informative, annex B is normative.

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.

## 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 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.

## 1 Scope

The present standard specifies requirements for self supporting roofing products for discontinuous laying made from stainless steel sheet with or without additional metallic and/or organic coatings.

The standard establishes general characteristics, definitions, classifications 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. 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

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 10088-1, *Stainless steel - Part 1 : List of stainless steels.*

EN 10088-2, *Stainless steel - Part 2 : Technical delivery conditions for sheet/plate and strip for general purposes.*

EN 10203, *Cold reduced electrolytic tinplate.*

EN 10259, *Cold-rolled stainless and heat resisting steel wide strip and plate/sheet - Tolerances on dimensions and shape.*

EN ISO 7438, *Metallic materials - Bend test*