STN	Strešné výrobky z kovového plechu. Špecifikácie na samonosné strešné prvky z ocele, hliníka alebo nehrdzavejúcej ocele. Časť 1: Oceľ.	STN EN 508-1
		74 7715

Roofing and cladding products from metal sheet - Specification for self-supporting of steel, aluminium or stainless steel sheet - Part 1: Steel

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/14

Obsahuje: EN 508-1:2014

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM EN 508-1

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English Version

Roofing and cladding products from metal sheet - Specification for self-supporting of steel, aluminium or stainless steel sheet - Part 1: Steel

Produits de couverture et de bardage en tôle métallique -Spécification pour les produits autoportants en tôles d'acier, d'aluminium ou d'acier inoxydable - Partie 1: Acier Dachdeckungs- und Wandbekleidungsprodukte aus Metallblech - Spezifikation für selbsttragende Dachdeckungsprodukte aus Stahlblech, Aluminiumblech oder nichtrostendem Stahlblech - Teil 1: Stahl

This European Standard was approved by CEN on 1 March 2014.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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EN 508-1:2014 (E)

Foreword

This document (EN 508-1:2014) 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 November 2014 and conflicting national standards shall be withdrawn at the latest by November 2014.

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 508-1:2008.

EN 508 Roofing products from metal sheet - Specification for self-supporting products of steel, aluminium or stainless steel sheet consists of the following parts:

- Part 1: Steel
- Part 2: Aluminium
- Part 3: Stainless steel

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, Former Yugoslav Republic of Macedonia, 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.

Introduction

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

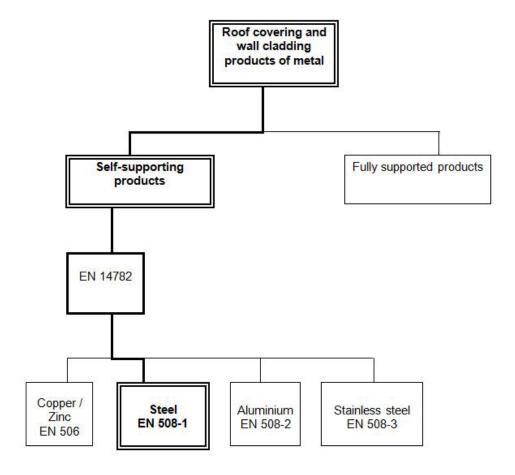


Figure 1 — Framework of standards

In this European 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 European Standard, but also on the design, construction and performance of the roof as a whole in relation to the environment and conditions of use.

EN 508-1:2014 (E)

1 Scope

This part of EN 508 specifies requirements for self-supporting roofing, covering, wall cladding, lining, liner trays and tiles products for discontinuous laying made from metallic coated steel sheet with or without additional organic coatings. Sheets intended to be used with insulation and membranes are also covered.

This European 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 them to meet all normal service conditions.

This European Standard applies to all discontinuously laid self-supporting external profiled sheets for roofing covering, wall cladding, lining and liner trays with the exception of tiles with a surface area less than 1 m² and produced by stamping. These profiled 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.

This European Standard does not cover products for structural purposes, i.e. it does cover products used in constructions of Class III (according to EN 1993-1-3), it does not cover products used in constructions of Classes I and II (according to EN 1993-1-3) intended to contribute to the global or partial stability of the building structure by providing racking resistance or resistance to permanent static loads (excluding self-weight of the metal sheet).

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

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 10143, Continuously hot-dip coated steel sheet and strip - Tolerances on dimensions and shape

EN 10169:2010+A1:2012, Continuously organic coated (coil coated) steel flat products - Technical delivery conditions

EN 10346, Continuously hot-dip coated steel flat products - Technical delivery conditions

EN 14782, Self-supporting metal sheet for roofing, external cladding and internal lining - Product specification and requirements

EN ISO 6270-1, Paints and varnishes - Determination of resistance to humidity - Part 1: Continuous condensation (ISO 6270-1)

EN ISO 6988, Metallic and other non-organic coatings - Sulfur dioxide test with general condensation of moisture (ISO 6988)

EN ISO 9227, Corrosion tests in artificial atmospheres - Salt spray tests (ISO 9227)

koniec náhľadu – text ďalej pokračuje v platenej verzii STN