



BSI Standards Publication

Roofing and cladding products from metal sheet – Specification for fully supported products of aluminium sheet

National foreword

This British Standard is the UK implementation of EN 507:2019. It supersedes BS EN 507:2000, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/542/5, Sheet roof and wall coverings.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2019
Published by BSI Standards Limited 2019

ISBN 978 0 580 98561 4

ICS 77.150.10; 91.060.20

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 August 2019.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

English Version

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

Produits de couverture et bardage en tôle métallique -
Spécification pour les produits de couverture en tôle
d'aluminium totalement supportés

Dachdeckungs- und Wandbekleidungselemente aus
Metallblech - Festlegungen für vollflächig unterstützte
Bedachungselemente aus Aluminiumblech

This European Standard was approved by CEN on 26 May 2019.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, 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: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3
Introduction	4
1 Scope.....	6
2 Normative references.....	6
3 Terms, definitions, symbols and abbreviations.....	6
3.1 Terms and definitions	6
3.2 Symbols and abbreviations	7
4 Requirements.....	8
4.1 General.....	8
4.2 Materials.....	8
4.2.1 Aluminium.....	8
4.2.2 Organic coatings.....	9
4.2.3 Anodizing	10
4.3 Products.....	10
4.3.1 Flat products.....	10
4.3.2 Formed (prefabricated) products.....	10
4.3.3 Safety in case of fire.....	10
5 Sampling and test methods	10
5.1 Flat products.....	10
5.2 Formed (prefabricated) products.....	11
5.2.1 Sampling.....	11
5.2.2 Testing.....	11
6 Designation.....	11
7 Marking, labelling, packaging, special ordering conditions, transport, storage and handling.....	11
7.1 Marking and labelling.....	11
7.2 Packaging and any special ordering conditions	12
7.3 Transport, storage and handling.....	12
Bibliography.....	13

European foreword

This document (EN 507:2019) 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 February 2020, and conflicting national standards shall be withdrawn at the latest by February 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 507:1999.

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

In comparison to the previous edition following technical changes were made:

- scope of the standard has been extended to cladding products;
- reference has been added to anodised aluminium sheets;
- list aluminium alloys suitable without further proof provided their properties conform to the values given in the respective material standards (EN 485 or EN 1396) as well as concerning organic coatings suitable for application to aluminium substrates within the scope of this standard have been changed;
- Annex A concerning the national A-deviations was deleted.

These changes or additions can be found in the following Clauses and subclauses: 1; 2; 3.1.2; 3.1.3; 3.1.5; 3.1.6; 3.1.7; 3.2; 4.1; 4.2.1; 4.2.2; 4.2.3; 4.3.3; 5.1; 5.2.1; 5.2.2.2 and 7.3.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.