



**NSAI**  
Standards

Irish Standard  
I.S. EN 485-1:2016

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

**I.S. EN 485-1:2016**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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*This document is based on:*

EN 485-1:2016

*Published:*

2016-07-27

*This document was published  
under the authority of the NSAI  
and comes into effect on:*

2016-08-14

ICS number:

77.150.10

NOTE: If blank see CEN/CENELEC cover page

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## National Foreword

I.S. EN 485-1:2016 is the adopted Irish version of the European Document EN 485-1:2016, Aluminium and aluminium alloys - Sheet, strip and plate - Part 1: Technical conditions for inspection and delivery

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**EUROPEAN STANDARD**

**EN 485-1**

**NORME EUROPÉENNE**

**EUROPÄISCHE NORM**

July 2016

ICS 77.150.10

Supersedes EN 485-1:2008+A1:2009

English Version

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

Aluminium et alliages d'aluminium - Tôles, bandes et  
tôles épaisses - Partie 1: Conditions techniques de  
contrôle et de livraison

Aluminium und Aluminiumlegierungen - Bänder,  
Bleche und Platten - Teil 1: Technische  
Lieferbedingungen

This European Standard was approved by CEN on 12 June 2016.

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.

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## European foreword

This document (EN 485-1:2016) has been prepared by Technical Committee CEN/TC 132 “Aluminium and aluminium alloys”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by January 2017, and conflicting national standards shall be withdrawn at the latest by January 2017.

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 485-1:2008+A1:2009.

EN 485 comprises the following parts under the general title “*Aluminium and aluminium alloys — Sheet, strip and plate*”:

- *Part 1: Technical conditions for inspection and delivery*
- *Part 2: Mechanical properties*
- *Part 3: Tolerances on dimensions and form for hot-rolled products*
- *Part 4: Tolerances on shape and dimensions for cold-rolled products*

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**EN 485-1:2016 (E)****1 Scope**

This document specifies the technical conditions for inspection and delivery of wrought aluminium and wrought aluminium alloy sheet, strip and plate for general applications. It also includes provisions for ordering and testing.

It applies to products with a thickness over 0,20 mm up to and including 400 mm.

For many special applications of aluminium strip, sheet and plate, specific European Standards exist, where different or additional requirements are formulated and the appropriate alloys and tempers are selected: see Annex A. Most of these special European Standards refer to provisions of this document.

The selection of the relevant special European Standards is under the responsibility of the purchaser.

Whenever the application involves special properties, such as corrosion resistance, toughness, fatigue strength, surface appearance and welding properties, the user should consult the supplier and consider the relevant special European Standard, as applicable.

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

EN 485-3, *Aluminium and aluminium alloys - Sheet, strip and plate - Part 3: Tolerances on dimensions and form for hot-rolled products*

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

EN 515, *Aluminium and aluminium alloys - Wrought products - Temper designations*

EN 541, *Aluminium and aluminium alloys - Rolled products for cans, closures and lids - Specifications*

EN 573-3, *Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 3: Chemical composition and form of products*

EN 602, *Aluminium and aluminium alloys - Wrought products - Chemical composition of semi-finished products used for the fabrication of articles for use in contact with foodstuff*

EN 603 (all parts), *Aluminium and aluminium alloys — Wrought forging stock*

EN 683-1, *Aluminium and aluminium alloys - Finstock - Part 1: Technical conditions for inspection and delivery*

EN 851, *Aluminium and aluminium alloys - Circle and circle stock for the production of culinary utensils - Specifications*

EN 941, *Aluminium and aluminium alloys - Circle and circle stock for the production of general applications - Specifications*

EN 1386, *Aluminium and aluminium alloys - Tread plate - Specifications*

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



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