



SLOVENSKI STANDARD
oSIST prEN 485-1:2026
01-julij-2026

Aluminij in aluminijeve zlitine - Pločevine, trakovi in plošče - 1. del: Tehnični pogoji za pregled in dobavo

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

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

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

Ta slovenski standard je istoveten z: prEN 485-1

ICS:

77.150.10 Alumijski izdelki Aluminium products

oSIST prEN 485-1:2026 **en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 485-1

May 2026

ICS 77.150.10

Will supersede EN 485-1:2016

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

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prEN 485-1:2026 (E)**European foreword**

This document (prEN 485-1:2026) has been prepared by Technical Committee CEN/TC 132 “Aluminium and aluminium alloys”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 485-1:2016.

prEN 485-1:2026 includes the following significant technical changes with respect to EN 485-1:2016:

- rewording of Subclause 6.3.5 related to the orientation of samples for tensile testing

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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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.

Specific European Standards are available for applications involving special properties, such as corrosion resistance, toughness, fatigue strength, surface appearance or welding properties.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. 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 573-3, *Aluminium and aluminium alloys — Chemical composition and form of wrought products - Part 3: Chemical composition and form of products*

EN 1669, *Aluminium and aluminium alloys — Test methods - Earing test for sheet and strip*

EN 2004-1, *Aerospace series — Test methods for aluminium and aluminium alloy products — Part 1: Determination of electrical conductivity of wrought aluminium alloys*

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

EN 12258-1, *Aluminium and aluminium alloys — Terms and definitions — Part 1: General terms*

EN 14242, *Aluminium and aluminium alloys — Chemical analysis — Inductively coupled plasma optical emission spectral analysis*

EN 14361, *Aluminium and aluminium alloys — Chemical analysis — Sampling from metal melts*

EN ISO 6892-1, *Metallic materials — Tensile testing — Part 1: Method of test at room temperature (ISO 6892-1)*

EN ISO 7438, *Metallic materials — Bend test (ISO 7438)*

EN ISO 20482, *Metallic materials — Sheet and strip — Erichsen cupping test (ISO 20482)*