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Irish Standard  
I.S. EN 487:2009

# Aluminium and aluminium alloys - Rolling ingots - Specifications

## I.S. EN 487:2009

*Incorporating amendments/corrigenda issued since publication:*

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Údarás um Chaighdeáin Náisiúnta na hÉireann

English Version

## Aluminium and aluminium alloys - Rolling ingots - Specifications

Aluminium et alliages d'aluminium - Plaques de laminage -  
Spécifications

Aluminium und Aluminiumlegierungen - Walzbarren -  
Spezifikationen

This European Standard was approved by CEN on 24 July 2009.

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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 Management Centre has the same status as the official versions.

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## Foreword

This document (EN 487:2009) 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of an identical text or by endorsement, at the latest by February 2010, and conflicting national standards shall be withdrawn at the latest by February 2010.

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 487:1993.

Within its programme of work, Technical Committee CEN/TC 132 entrusted CEN/TC 132/WG 2 "Extrusion billets and rolling ingots" to revise EN 487:1993.

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## 1 Scope

This European Standard specifies the general requirements to be met by rolling ingots of aluminium or aluminium alloys obtained by semi-continuous vertical casting.

## 2 Normative references

The following referenced documents are indispensable for the application 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 573-1, *Aluminium and aluminium alloys — Chemical composition and form of wrought products — Part 1: Numerical designation system*

EN 573-2, *Aluminium and aluminium alloys — Chemical composition and form of wrought products — Part 2: Chemical symbol based designation system*

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

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

EN 12258-1:1998, *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 14726, *Aluminium and aluminium alloys — Chemical analysis — Guideline for spark optical emission spectrometric analysis*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 12258-1:1998 and the following apply.

**3.1**  
**heat**  
quantity of liquid metal that has simultaneously undergone the same preparatory treatment in the furnace before the casting operation

## 4 Ordering information

The ordering information shall define the product required and shall contain the following:

- a) the form of the product (rolling ingot);
- b) the designation of the aluminium or aluminium alloy according to EN 573-1 and 573-2 (or the purchaser alloy designation after agreement between supplier and purchaser). Tighter limits than the composition limits stated in EN 573-3 may be specified as required;
- c) whether as cast or homogenized. The homogenizing parameters should be agreed between the supplier and the purchaser;

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