

**Alumiinium ja alumiiniumisulamid.  
Ribitoorik. Osa 1: Tehnilised kontrolli- ja  
tarnetingimused**

Aluminium and aluminium alloys - Finstock - Part 1:  
Technical conditions for inspection and delivery

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 683-1:2007 sisaldab Euroopa standardi EN 683-1:2006 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 29.01.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 683-1:2007 consists of the English text of the European standard EN 683-1:2006.</p> <p>This document is endorsed on 29.01.2007 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>This document specifies the technical conditions for inspection and delivery of wrought aluminium and wrought aluminium alloy finstock. The gauge range covered is 60 µm to 400 µm. It does not apply to clad finstock.</p>	<p><b>Scope:</b></p> <p>This document specifies the technical conditions for inspection and delivery of wrought aluminium and wrought aluminium alloy finstock. The gauge range covered is 60 µm to 400 µm. It does not apply to clad finstock.</p>
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**Võtmesõnad:** alumiinium, alumiiniumisulamid, katsed, kontroll, külmvaltstooted, lehed, märgistus, soojusvahetid, tarnimine, tehnilised andmed, valtstooted

English Version

## Aluminium and aluminium alloys - Finstock - Part 1: Technical conditions for inspection and delivery

Aluminium et alliages d'aluminium - Bandes pour échangeurs thermiques - Partie 1 : Conditions techniques de contrôle et de livraison

Aluminium und Aluminiumlegierungen - Vormaterial für Wärmeaustauscher (Finstock) - Teil 1: Technische Lieferbedingungen

This European Standard was approved by CEN on 25 November 2006.

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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 Central Secretariat has the same status as the official versions.

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## Foreword

This document (EN 683-1:2006) 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 June 2007, and conflicting national standards shall be withdrawn at the latest by June 2007.

This document supersedes EN 683-1:1996.

Within its programme of work, Technical Committee CEN/TC 132 entrusted CEN/TC 132/WG 6 "Foil and finstock" to revise EN 683-1:1996.

The following modifications have been made:

- scope is changed into gauge ranges from 60  $\mu\text{m}$  to 400  $\mu\text{m}$ ;
- Clause 3 refers now to EN 12258-1;
- Clause 4: title is changed, and list is amended;
- Clause 5: subclause 5.2 is modified;
- Clause 6: subclauses 6.1.1 and 6.2.1 are modified;
- Clause 7: completely ammended;
- addition of Bibliography.

EN 683 comprises the following parts under the general title "*Aluminium and aluminium alloys — Finstock*":

- *Part 1: Technical conditions for inspection and delivery*
- *Part 2: Mechanical properties*
- *Part 3: Tolerances on dimensions and form*

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.

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## 1 Scope

This document specifies the technical conditions for inspection and delivery of wrought aluminium and wrought aluminium alloy finstock.

The gauge range covered is 60  $\mu\text{m}$  to 400  $\mu\text{m}$ .

It does not apply to clad finstock.

## 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 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*

EN 683-2, *Aluminium and aluminium alloys — Finstock — Part 2: Mechanical properties*

EN 683-3, *Aluminium and aluminium alloys — Finstock — Part 3: Tolerances on dimensions and form*

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

## 3 Terms and definitions

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

### 3.1

#### **finstock**

flat, cold rolled product of rectangular cross section and thickness in the range 60  $\mu\text{m}$  to 400  $\mu\text{m}$  suitable for heat exchanger applications

## 4 Ordering information

The order shall specify the product required and shall contain the following information:

- a) type and form of product:
  - the designation of the aluminium or aluminium alloy;
  - the form of the product;
- b) temper designation of the material to be delivered as specified in EN 515;
- c) number of this European Standard (EN 683-1) or separate specification, if any;