

**Alumiinium ja alumiiniumisulamid.
Tõmbetoorikud. Osa 2: Erinõuded
elektri alal kasutamiseks**

Aluminium and aluminium alloys - Drawing stock -
Part 2: Specific requirements for electrical
applications

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1715-2:2000 sisaldab Euroopa standardi EN 1715-2 :1997 + AC:1998 ingliskeelset teksti. Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 1715-2:2000 consists of the English text of the European standard EN 1715-2 :1997 + AC:1998. This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: See Euroopa standardi EN 1715 osa kehtib nende alumiiniumist ja alumiiniumisulamitest tõmbetoorikute kohta, mis on ette nähtud elektrijuhtideks ja kaabliteks. Standard määrab kindlaks karakteristikud ning toodete kontrolli ja tarnimise tehnilised eritingimused .	Scope:
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ICS 77.150.10

Võtmesõnad: alumiinium, alumiiniumisulamid, elektrijuhid, elektrilised omadused, katsed, keemiline koostis, kontroll, mehaanilised omadused, tarnetingimus, tehnilised andmed, tõmbetoorik

ICS 77.150.10

Descriptors: Aluminium, wire.

English version

Aluminium and aluminium alloys – Drawing stock

Part 2: Specific requirements for electrotechnical applications

Aluminium et alliages d'aluminium –
Fil machine – Partie 2: Exigences spé-
cifiques pour les applications électri-
ques

Aluminium und Aluminiumlegierungen –
Vordraht – Teil 2: Besondere Anfor-
derungen für elektrotechnische
Anwendungen

This European Standard was approved by CEN on 1997-08-21.

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 Central Secretariat or to any CEN member.

The European Standards exist 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.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard 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 March 1998, and conflicting national standards shall be withdrawn at the latest by March 1998.

Within its programme of work, Technical Committee CEN/TC 132 entrusted CEN/TC 132/WG 4 "Wires and drawing stock" to prepare the following standard :

EN 1715-2 Aluminium and aluminium alloys - Drawing stock - Part 2 : Specific requirements for electrical applications

This standard is part of a set of four standards. The other standards deal with :

EN 1715-1 Aluminium and aluminium alloys - Drawing stock - Part 1 : General requirements and technical conditions for inspection and delivery

EN 1715-3 Aluminium and aluminium alloys - Drawing stock - Part 3 : Specific requirements for mechanical uses (excluding welding)

EN 1715-4 Aluminium and aluminium alloys - Drawing stock - Part 4 : Specific requirements for welding applications

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This part of EN 1715 applies to drawing stock of aluminium and aluminium alloys for electrical conductor and cables and specifies characteristics and specific technical conditions for inspection and delivery of the products.

The general requirements and technical conditions for inspection and delivery are specified in EN 1715-1.

This standard does not apply to drawn wire.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 515	Aluminium and aluminium alloys - Wrought product - Temper designations
EN 573-3	Aluminium and aluminium alloys - Chemical composition and forms of wrought products - Part 3 : Chemical composition
EN 1715-1	Aluminium and aluminium alloys - Drawing stock - Part 1 : General requirements and technical conditions for inspection and delivery

3 Specifications

3.1 Chemical composition

Aluminium grades and aluminium alloys used commonly for electrical conductors are given in table 1.