



SLOVENSKI STANDARD
oSIST prEN 711:2023
01-december-2023

Plovila za celinske vode - Ograje na palubah - Zahteve, načrti in vrste

Inland navigation vessels - Railings for decks and side decks - Requirements, designs and types

Fahrzeuge der Binnenschifffahrt - Geländer für Decks und Gangborde - Anforderungen, Bauarten und Typen

Bateaux de navigation intérieure - Garde-corps pour ponts et plats-bords - Exigences, types et modèles

Ta slovenski standard je istoveten z: prEN 711

<https://standards.iteh.ai/catalog/standards/sist/080eccca-21b0-49a0-b283-94d0998874ac/osist-pren-711-2023>

ICS:

47.020.10	Ladijski trupi in njihovi konstrukcijski elementi	Hulls and their structure elements
47.060	Jezerska in rečna plovila	Inland navigation vessels

oSIST prEN 711:2023

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
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October 2023

ICS 47.020.10

Will supersede EN 711:2016

English Version

Inland navigation vessels - Railings for decks and side decks - Requirements, designs and types

Bateaux de navigation intérieure - Garde-corps pour ponts et plats-bords - Exigences, types et modèles

Fahrzeuge der Binnenschifffahrt - Geländer für Decks und Gangborde - Anforderungen, Bauarten und Typen

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 15.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (prEN 711:2023) has been prepared by Technical Committee CEN/TC 15 “Inland navigation vessels”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 711:2016.

prEN 711:2023 includes the following significant technical changes with respect to EN 711:1995:

- a) tiltable railing for passenger vessels have been added;
- b) requirements on railings in elevated working areas added, (Table 1);
- c) reference to EN 17360 added in 4.4.5.

This document specifies safety requirements for railings for decks and side decks within the meaning of European Parliament and Council Directive (EU) 2016/1629 of 14 September 2016 laying down technical requirements for inland waterway vessels.

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prEN 711:2023 (E)**1 Scope**

This document is applicable to railings for decks and in gangways on inland navigation vessels. It lays down design, dimensions, strength and test conditions which have to be observed for safety reasons. The railings provide protection for persons against falling overboard and from one deck to another.

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 10220, *Seamless and welded steel tubes - Dimensions and masses per unit length*

EN 10025-2, *Hot rolled products of structural steels - Part 2: Technical delivery conditions for non-alloy structural steels*

EN 17360, *Inland navigation vessels - Stanchions and holders for tiltable and detachable railings*

EN ISO 1461, *Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods (ISO 1461)*

ISO 1835, *Round steel short link chains for lifting purposes — Medium tolerance sling chains — Grade 4, stainless steel*

ISO 2232, *Round non-alloy steel wires for general purpose wire ropes, large diameter wire ropes and mine hoisting wire ropes — Specifications*

ISO 2408, *Steel wire ropes — Requirements*

ISO 2768 (all parts), *General tolerances*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1 railing

<inland navigation vessels> construction of stanchions and hand rails as well as

- intermediate rail and toe rail or
- panel

3.2 stanchion

vertical part of the railing, onto which the hand rails and intermediate rails or the network are mounted