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Cold formed steel sheet piles - Part 2: Tolerances on dimensions and shape

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/24

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EUROPEAN STANDARD

EN 10249-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 10249-2:1995

English Version

Cold formed steel sheet piles - Part 2: Tolerances on dimensions and shape

Palplanches en acier profilées à froid - Partie 2 :
Tolérances sur dimensions et forme

Kaltgeformte Spundbohlen aus Stahl - Teil 2:
Grenzabmaße und Formtoleranzen

This European Standard was approved by CEN on 10 June 2024.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 10249-2:2024 (E)

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European foreword

This document (EN 10249-2:2024) has been prepared by Technical Committee CEN/TC 459/SC 3 “Structural steels other than reinforcements”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by January 2025, and conflicting national standards shall be withdrawn at the latest by January 2025.

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.

This document supersedes EN 10249-2:1995.

EN 10249-2:2024 includes the following significant technical changes with respect to EN 10249-2:1995:

- a) restructure of the standard;
- b) update of the normative references and general requirements;
- c) addition of a new Table 2 with the tolerance on the width;
- d) adaptation of the terms “sweep” and “bow” in 8.2 and 8.3;
- e) new wording for Clause 11 about the mass tolerance;
- f) addition of two figures in Clause 13 about interlocks.

EN 10249 consists of the following parts under the general title *Cold formed steel sheet piles*:

- *Part 1: Technical delivery conditions*
- *Part 2: Tolerances on dimensions and shape*

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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EN 10249-2:2024 (E)

1 Scope

This document specifies the tolerances on dimensions, squareness of ends, straightness and mass of cold formed steel sheet piles and is designed to be read in conjunction with EN 10249-1.

This document specifies the tolerances of cold formed steel sheet piles produced from hot rolled strip or sheet with a thickness equal to or greater than 3 mm.

The products specified are for general, structural and civil engineering works. The types of steel sheet piles covered by this document are: Z-shaped, Omega-shaped and trench sheets.

This document also specifies options that can be agreed between the purchaser and the manufacturer at the time of the order and enquiry.

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 10021:2006, *General technical delivery conditions for steel products*

EN 10079:2007, *Definition of steel products*

EN 10051, *Continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels - Tolerances on dimensions and shape*

EN 10249-1, *Cold formed sheet piling of non alloy steels - Part 1: Technical delivery conditions*

EN 12063, *Execution of special geotechnical work - Sheet pile walls, combined pile walls, high modulus walls*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN