



SLOVENSKI STANDARD
oSIST prEN 10379:2024
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Jeklena obešala - Preskusne metode

Steel sheet piles - Test methods

Spundbohlen aus Stahl - Prüfverfahren

Palplanches en acier - Méthodes d'essais

Ta slovenski standard je istoveten z: prEN 10379

ICS:

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77.140.70	Jekleni profili	Steel profiles

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Steel sheet piles - Test methods

Spundbohlen aus Stahl - Prüfverfahren

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

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prEN 10379:2024 (E)

1 Scope

This document specifies the requirement for testing of special properties of hot-rolled steel sheet piles.

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 1990, *Eurocode - Basis of structural and geotechnical design*

EN 1993-5, *Eurocode 3 - Design of steel structures - Part 5: Piling*

EN 10020:2000, *Definition and classification of grades of steel*

EN 10079:2007, *Definition of steel products*

EN 10248-2, *Hot rolled sheet piling of non alloy steels - Part 2: Tolerances on shape and dimensions*

EN ISO 6892-1, *Metallic materials - Tensile testing - Part 1: Method of test at room temperature (ISO 6892-1)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 10020:2000 and EN 10079:2007 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/>

4 General requirements

Unless otherwise specified by technical delivery condition or agreed between manufacturer and purchaser the tests shall be carried out on the final steel sheet pile.

The tests shall be carried out by suitable trained operators. In the case of third party tests this shall be agreed upon between manufacturer and purchaser at the time of enquiry and order.

5 Test of the resistance of crimped points of U-shaped sheet piles

5.1 General

5.1.1 In the following, provisions are given for the determination of the resistance of crimped points by testing, in order to improve the transmission of shear forces in the interlocks of U-shaped sheet piles according to EN 1993-5.

5.1.2 Two items shall be addressed in the tests:

- determination of the characteristic ultimate resistance R_k of one crimped point;
- verification that the minimum stiffness criterion for the crimped point is fulfilled.