



SLOVENSKI STANDARD
SIST EN 622-4:2024

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Vlknene plošče - Specifikacije - 4. del: Zahteve za mehke plošče

Fibreboards - Specifications - Part 4: Requirements for softboards

Faserplatten - Anforderungen - Teil 4: Anforderungen an poröse Platten

Panneaux de fibres - Exigences - Partie 4 : Exigences pour panneaux isolants

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ICS:

79.060.20 Vlknene in iverne plošče - Fibre and particle boards

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English Version

Fibreboards - Specifications - Part 4: Requirements for softboards

Panneaux de fibres - Exigences - Partie 4 : Exigences
pour panneaux isolants

Faserplatten - Anforderungen - Teil 4: Anforderungen
an poröse Platten

This European Standard was approved by CEN on 2 February 2024.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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Document Preview

[SIST EN 622-4:2024](https://standards.iteh.ai/SIST/EN/622-4/2024)

<https://standards.iteh.ai/catalog/standards/sist/920b0543-b200-4fa1-a628-a3589a4c0882/sist-en-622-4-2024>



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

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European foreword

This document (EN 622-4:2024) has been prepared by Technical Committee CEN/TC 112 “Wood-based panels”, 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of an identical text or by endorsement, at the latest by September 2024, and conflicting national standards shall be withdrawn at the latest by September 2024.

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 622-4:2019.

The main changes compared to the previous edition are listed below:

- a) limitation of fibre boards of type SB.LS and SB.HLS to short-term and instantaneous load duration has been deleted;
- b) denomination of those boards therefore has been changed from SB.LS to SB.L and SB.HLS to SB.HL, respectively.

This document is one of a series of standards specifying requirements for fibreboards. The other parts of this series are listed in Clause 2 and in the Bibliography.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 622-4:2024 (E)**1 Scope**

This document specifies the requirements for softboards as defined in EN 316, with a density from 230 kg/ m³ to 400 kg/ m³.

The values listed in this document relate to product properties but they are not characteristic values to be used in design calculations.

NOTE Panels which are intended for use exclusively as thermal insulating products are covered by EN 13171.

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 310, *Wood-based panels — Determination of modulus of elasticity in bending and of bending strength*

EN 317, *Particleboards and fibreboards — Determination of swelling in thickness after immersion in water*

EN 326-1, *Wood-based panels — Sampling, cutting and inspection — Part 1: Sampling and cutting of test pieces and expression of test results*

EN 326-2, *Wood-based panels — Sampling, cutting and inspection — Part 2: Initial type testing and factory production control*

EN 326-3, *Wood-based panels — Sampling, cutting and inspection — Part 3: Inspection of an isolated lot of panels*

EN 622-1, *Fibreboards — Specifications — Part 1: General requirements*

EN 13986, *Wood-based panels for use in construction — Characteristics, evaluation of conformity and marking*

3 Terms and definitions

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For the purposes of this document, the terms and definitions given in EN 13986 and the following 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 dry conditions

conditions corresponding to service class 1 of EN 1995-1-1 which is characterized by a moisture content in the material corresponding to a temperature of 20 °C and a relative humidity of the surrounding air only exceeding 65 % for a few weeks per year

Note 1 to entry: Boards of this type are suitable for use only in use class 1 of EN 335.

[SOURCE: EN 13986:2004+A1:2015, 3.8.2, modified – Note 1 to entry has been added.]