

## საქართველოს სტანდარტი

სსკ: 79.060.20

ხის ორიენტირებული ფილა (OSB) - განმარტებები, კლასიფიკაცია და  
სპეციფიკაციები

სსტ ენ 300:2006/2023

## საინფორმაციო მონაცემები

**1 მიღებულია და დაშვებულია სამოქმედოდ:** სსიპ-საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს გენერალური დირექტორის 07/07/2023 წლის № 59 განკარგულებით

**2 მიღებულია „თავფურცლის“ თარგმნის მეთოდით:** სტანდარტზაციის ევროპული კომიტეტის (ენ) სტანდარტი ენ 300:2006 „ხის ორიენტირებული ფილა (OSB) - განმარტებები, კლასიფიკაცია და სპეციფიკაციები“

### 3 პირველად

**4 რეგისტრირებულია:** სსიპ-საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 07/07/2023 წლის №268-1.3-030037

წინამდებარე სტანდარტის ნებისმიერი ფორმით გავრცელება სააგენტოს ნებართვის გარეშე აკრძალულია

**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 300**

July 2006

ICS 79.060.20

Supersedes EN 300:1997

English Version

**Oriented Strand Boards (OSB) - Definitions, classification and specifications**

Panneaux de lames minces, longues et orientées (OSB)  
- Définitions, classification et exigences

Platten aus langen, flachen, ausgerichteten Spänen (OSB)  
- Definitionen, Klassifizierung und Anforderungen

This European Standard was approved by CEN on 24 May 2006.

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.

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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

## Contents

	Page
<b>Foreword</b> .....	<b>4</b>
<b>1 Scope</b> .....	<b>5</b>
<b>2 Normative references</b> .....	<b>5</b>
<b>3 Terms and definitions</b> .....	<b>6</b>
<b>4 Classification of boards</b> .....	<b>7</b>
<b>5 General requirements for all OSB types</b> .....	<b>7</b>
<b>6 Requirement values</b> .....	<b>9</b>
<b>7 Requirements for non load-bearing boards, general purpose boards and boards for interior fitments for use in dry conditions (Type OSB/1)</b> .....	<b>9</b>
<b>8 Requirements for load-bearing boards for use in dry conditions (Type OSB/2)</b> .....	<b>10</b>
<b>9 Requirements for load-bearing boards for use in humid conditions (Type OSB/3)</b> .....	<b>11</b>
<b>9.1 General</b> .....	<b>11</b>
<b>9.2 Mechanical and swelling properties</b> .....	<b>11</b>
<b>9.3 Moisture resistance</b> .....	<b>11</b>
<b>10 Requirements for heavy duty load-bearing boards for use in humid conditions (Type OSB/4)</b> .....	<b>12</b>
<b>10.1 General</b> .....	<b>12</b>
<b>10.2 Mechanical and swelling properties</b> .....	<b>13</b>
<b>10.3 Moisture resistance</b> .....	<b>13</b>
<b>11 Verification of compliance</b> .....	<b>14</b>
<b>11.1 General</b> .....	<b>14</b>
<b>11.2 External control, and inspection of an isolated lot</b> .....	<b>14</b>
<b>11.3 Factory production control</b> .....	<b>15</b>
<b>12 Marking</b> .....	<b>15</b>
<b>12.1 Boards marketed within the European Economic Area for construction applications</b> .....	<b>15</b>
<b>12.2 Other boards</b> .....	<b>16</b>
<b>Annex A (normative) EN 1087-1 (Modified procedure)</b> .....	<b>17</b>
<b>Annex B (normative) Voluntary colour coding system for OSB</b> .....	<b>18</b>
<b>Annex C (normative) Supplementary properties</b> .....	<b>19</b>
<b>Bibliography</b> .....	<b>20</b>

## Tables

<b>Table 1 — General requirements for all OSB types</b> .....	<b>8</b>
<b>Table 2 — Non load-bearing boards, general purpose boards and boards for interior fitments for use in dry conditions — Requirements for specified mechanical and swelling properties</b> .....	<b>9</b>
<b>Table 3 — Load-bearing boards for use in dry conditions — Requirements for specified mechanical and swelling properties</b> .....	<b>10</b>
<b>Table 4 — Load-bearing boards for use in humid conditions — Requirements for specified mechanical and swelling properties</b> .....	<b>11</b>
<b>Table 5 — Load-bearing boards for use in humid conditions — Requirements for moisture resistance</b> .....	<b>12</b>

Table 6 — Heavy duty load-bearing boards for use in humid conditions — Requirements for specified mechanical and swelling properties .....	13
Table 7 — Heavy duty load-bearing boards for use in humid conditions — Requirements for moisture resistance.....	14
Table 8 — Maximum intervals between tests for each production line .....	15
Table B.1 — Voluntary colour coding for OSB .....	17
Table C.1 - Supplementary properties and test methods.....	18

## Foreword

This document (EN 300:2006) 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 January 2007, and conflicting national standards shall be withdrawn at the latest by January 2007.

This document supersedes EN 300:1997.

The following principal modifications have been made:

- a) thickness ranges for board types OSB/2, OSB/3 and OSB/4 have been extended;
- b) requirements for moisture resistance have been adapted;
- c) requirements for the marking of boards have been simplified, taking account of the fact that EN 13986 now describes the detailed requirements for CE marking of boards for use in construction;
- d) former Annexes E (list of approval numbers for option 2 board types with certain adhesives or adhesive systems) and F (A-deviations) have been deleted.

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