

Dimensional classification of round timber

ICS 79.040

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee B/543, Round and sawn timber.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Dimensional classification of round timber

Classement dimensionnel des bois ronds

Dimensions-Sortierung von Rundholz

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Foreword

This document (EN 1315:2010) has been prepared by Technical Committee CEN/TC 175 "Round and sawn timber", the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by July 2010, and conflicting national standards shall be withdrawn at the latest by July 2010.

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This document supersedes EN 1315-1:1997 and EN 1315-2:1997.

The main changes with respect to EN 1315-1:1997 and EN 1315-2:1997 are listed below:

- a) EN 1315-1:1997 and EN 1315-2:1997 have been merged into one standard;
- b) Scope has been modified according to the merging;
- c) Classes D 6 and R 6 have been modified, Classes D 7/R 7 and D 8/R 8 have been added;
- d) 4.2 "Length classes" and 4.3 "Combination of mid diameter and length classes" of EN 1315- 2:1997 have been deleted.

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1 Scope

This European Standard specifies a dimensional classification for round timber (softwood and hardwood) for which the intended use is not known.

2 Normative references

The following referenced documents are indispensable for the application 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 844-1:1995, *Round and sawn timber — Terminology — Part 1: General terms common to round timber and sawn timber*

EN 844-2:1997, *Round and sawn timber — Terminology — Part 2: General terms relating to round timber*

EN 844-5:1997, *Round and sawn timber — Terminology — Part 5: Terms relating to dimensions of round timber*

EN 1309-2, *Round and sawn timber — Method of measurement of dimensions — Part 2: Round timber — Requirements for measurement and volume calculation rules*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 844-1:1995, EN 844-2:1997 and EN 844-5:1997 apply.

4 Dimensional classification

Dimensional classification shall be made, irrespective of length, into classes according to the mid diameter under bark or over bark. The under bark classification is described by a D letter. The over bark classification is described by an R letter. The D or R letter shall specify the type of class.

If round timber is measured over bark, this should be agreed by contract including the bark allowance. Possibilities for bark allowance are e.g.:

- agreed reduction from the diameter (medium or top diameter);
- reduction in percent (%) of the circular area;
- use of regional common bark allowance tables.

The classification shall be made using either one or the other following classes:

Table 1 — Dimensional classification of round timber

Class under bark	Class over bark	Mid diameter cm
D 0	R 0	< 10
D 1a	R 1a	10 to 14
D 1b	R 1b	15 to 19
D 2a	R 2a	20 to 24
D 2b	R 2b	25 to 29
D 3a	R 3a	30 to 34
D 3b	R 3b	35 to 39
D 4	R 4	40 to 49
D 5	R 5	50 to 59
D 6	R 6	60 to 69
D 7	R 7	70 to 79
D 8	R 8	≥ 80

Subdivisions into "a" and "b" subclasses may be disregarded or extended to all classes.

Mid diameter shall be measured using the method stated in EN 1309-2.

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