



NSAI
Standards

Irish Standard
I.S. EN 14298:2017

Sawn timber - Assessment of drying quality

I.S. EN 14298:2017

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This document is based on:

EN 14298:2017

Published:

2017-10-25

This document was published under the authority of the NSAI and comes into effect on:

2017-11-13

ICS number:

79.040

NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

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National Foreword

I.S. EN 14298:2017 is the adopted Irish version of the European Document EN 14298:2017, Sawn timber - Assessment of drying quality

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EUROPEAN STANDARD

EN 14298

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2017

ICS 79.040

Supersedes EN 14298:2004

English Version

Sawn timber - Assessment of drying quality

Bois scié - Estimation de la qualité du séchage

Schrittholz - Ermittlung der Trocknungsqualität

This European Standard was approved by CEN on 4 September 2017.

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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 14298:2017) 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of an identical text or by endorsement, at the latest by April 2018, and conflicting national standards shall be withdrawn at the latest by April 2018.

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 14298:2004.

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EN 14298:2017 (E)

1 Scope

This European Standard defines a method of assessment of drying quality. It applies to a lot of dried sawn timber (surfaced or not). It applies to both softwood and hardwood with a thickness not greater than 100 mm.

The quality of drying is expressed in terms of moisture content: target, average of the lot and variation between the pieces of the lot.

An option for specifying the degree of case-hardening is included.

NOTE 1 Other features related to drying, e.g. check, shake, warp, stain, etc., are specified in documents for visual grading of sawn timber or in product specifications and are not covered by this document.

NOTE 2 In the following the term “sawn timber” is used for all dried timber covered by this scope.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 844-3:1995, *Round and sawn timber — Terminology — Part 3: General terms relating to sawn timber*

EN 844-4:1997, *Round and sawn timber — Terminology — Part 4: Terms relating to moisture content*

EN 844-12:2000, *Round and sawn timber — Terminology — Part 12: Additional terms and general index*

EN 1438, *Symbols for timber and wood-based products*

EN 13183-1, *Moisture content of a piece of sawn timber — Part 1: Determination by oven dry method*

EN 13183-2, *Moisture content of a piece of sawn timber — Part 2: Estimation by electrical resistance method*

CEN/TS 12169, *Criteria for the assessment of conformity of a lot of sawn timber*

CEN/TS 14464, *Sawn timber — Method for assessment of case-hardening*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 844-3:1995, EN 844-4:1997 and EN 844-12:2000 and the following apply.

3.1

target moisture content

ω_{targ}

desired moisture content of a lot expressed as a single percentage

3.2

average moisture content

ω_{m}

arithmetic mean of the moisture content measurements of the pieces of a control sample taken from the lot for testing

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