



**SLOVENSKI STANDARD**  
**SIST EN 1912:2004/kprA3:2009**

**01-marec-2009**

---

Strukturalni les - Razredni razredi - Priznanje vidnih razredov in vrst

Structural timber - Strength classes - Assignment of visual grades and species

Bauholz für tragende Zwecke - Festigkeitsklassen - Zuordnung von visuellen Sortierklassen und Holzarten

Bois de structure - Classes de résistance - Affectation des classes visuelles et des essences

**Ta slovenski standard je istoveten z: EN 1912:2004/prA3**

---

**ICS:**

79.040 Les, hlodovina in žagan les Wood, sawlogs and sawn timber

**SIST EN 1912:2004/kprA3:2009 en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**FINAL DRAFT**  
**EN 1912:2004+A2:2008**

**prA3**

November 2008

---

ICS 79.040

English Version

## Structural timber - Strength classes - Assignment of visual grades and species

Bois de structure - Classes de résistance - Affectation des classes visuelles et des essences

Bauholz für tragende Zwecke - Festigkeitsklassen - Zuordnung von visuellen Sortierklassen und Holzarten

This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 124.

This draft amendment A3, if approved, will modify the European Standard EN 1912:2004+A2:2008. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, 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.

**Warning** : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

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

---

## Contents

Page

Foreword.....	3
1 Modifications to Table 1.....	4
2 Modifications to Table 2.....	4
3 Modifications to Table 3.....	4
4 Modifications to Table 4.....	4
5 Modifications to Table A.1.....	4

## Foreword

This document (EN 1912:2004/prA3:2008) has been prepared by Technical Committee CEN/TC 124 “Timber structures”, the secretariat of which is held by SFS.

This document is currently submitted to the Unique Acceptance Procedure.

**EN 1912:2004/prA3:2008 (E)****1 Modifications to Table 1**

*Replace existing Table 1 with the attached Table 1.*

*Netherlands grade C has been deleted from C16.*

*Grade S7 of German and Austrian Norway spruce and Scots pine deleted from C16 and added to C18.*

*Grade LS13 of German Poplar has been added to C27.*

*Grade LS10 & better of German Poplar has been added to C22.*

**2 Modifications to Table 2**

*Replace existing Table 2 with the attached Table 2.*

*Grade TH1 of American white oak has been added to D50.*

*Grade TH1 of American red oak has been added to D40.*

*Grade TH1 of American white ash has been added to D35.*

*Grade LS10 & better of German Ash has been added to D40.*

**3 Modifications to Table 3**

*Replace existing Table 3 with the attached Table 3.*

*Populus nigra has been added.*

**4 Modifications to Table 4**

*Replace existing Table 4 with the attached Table 4.*

*Fraxinus americana has been added.*

*Fraxinus excelsior has been added.*

*Quercus alba has been added.*

**5 Modifications to Table A.1**

*Replace existing Table A.1 with the attached Table A.1.*

*Editorial improvements have been made.*

Table 1 — Assignment of grades of conifer species and poplar to strength classes

Strength Class	Grading rule publishing country (see Note 1 at end of the table)	Grade (see Note 4)	Species commercial name	Source (see Note 2)	Botanical identification (see Table 3)	Comments
C35	Germany	S13	Douglas Fir	Germany	54	
C30	France	ST-I	Spruce & Fir	France	1, 22	
	Germany & Austria	S13	Spruce	CNE Europe	22	
		S13	Pine	CNE Europe	47	
		S13	Fir	CNE Europe	1	
		S13	Larch	CNE Europe	15	
	Nordic countries	T3	Pine (Redwood)	NNE Europe	47	
		T3	Spruce (Whitewood)	NNE Europe	22	
		T3	Fir	NNE Europe	1	
		T3	Larch	NNE Europe	15	
	USA	J&P Sel	Southern pine	USA	35, 36, 43, 48	
SLF Sel		Southern pine	USA	35, 36, 43, 48		
Spain	ME1	Laricio pine	Spain	39		
Slovak Republic	S0	Spruce	Slovak Republic	22		
C 27	France	ST-I	Larch	France	15	
	Germany	LS13	Poplar	Germany	51	
	Spain	ME1	Scots pine	Spain	47	
C24	France	ST-II	Spruce & Fir	France	1, 22	
		ST-II	Douglas Fir	France	54	
		ST-II	Pines	France	39, 44, 47	
		ST-II	Poplar (see Note 3)	France	50	
		ST-II	Larch	France	15	
	Germany	S10	Douglas Fir	Germany	54	
	Germany & Austria	S10	Spruce	CNE Europe	22	
		S10	Pine	CNE Europe	47	
		S10	Fir	CNE Europe	1	
		S10	Larch	CNE Europe	15	
	Nordic countries	T2	Pine (Redwood)	NNE Europe	47	
		T2	Spruce (Whitewood)	NNE Europe	22	
		T2	Fir	NNE Europe	1	
		T2	Larch	NNE Europe	15	
		T2 & better	Sitka spruce	Denmark and Norway	28	
	Spain	ME1	Radiata pine	Spain	49	
ME1		Maritime pine	Spain	44		
C24	USA & Canada	J&P Sel	Douglas fir-Larch	USA & Canada	18, 54	
		J&P Sel	Hem-fir	USA & Canada	2, 4, 5, 7, 8, 62	

## EN 1912:2004/prA3:2008 (E)

	UK	J&P Sel SLF Sel SLF Sel SLF Sel	S-P-F Douglas fir-Larch Hem-fir S-P-F	USA & Canada USA & Canada USA & Canada USA & Canada	3, 6, 23, 25, 26, 27, 32, 34, 45 18, 54 2, 4, 5, 7, 8, 62 3, 6, 23, 25, 26, 27, 32, 34, 45	
		SS SS SS SS SS SS	Paraná pine Redwood Whitewood Douglas fir-Larch Hem-fir S-P-F	Brazil CNE Europe CNE Europe USA & Canada USA & Canada USA & Canada	12 47 1, 22 18, 54 2, 4, 5, 7, 8, 62 3, 6, 23, 25, 26, 27, 32, 34, 45	
	Slovak Republic	SS SS SS	Southern pine Caribbean pitch pine Larch	USA Caribbean UK	35, 36, 43, 48 33, 42 15, 16, 17	
		SI	Spruce	Slovak Republic	22	
C22	Germany	LS10 & better	Poplar	Germany	51	
	UK	SS	British pine	UK	39, 47	
	USA	J&P No.1 J&P No.2 SLF No.1 SLF No.2	Southern pine Southern pine Southern pine Southern pine	USA USA USA USA	35, 36, 43, 48 35, 36, 43, 48 35, 36, 43, 48 35, 36, 43, 48	
C20	Canada	No.1 & better No.1 & better No.1 & better	S-P-F Douglas Fir – Larch Hem-fir	Canada Canada Canada	3, 6, 23, 25, 26, 27, 32, 34, 45 18,54 2, 4, 5, 7, 8, 62	
C18	Canada	J&P Sel J&P Sel SLF Sel SLF Sel	Sitka spruce Western red cedar Sitka spruce Western red cedar	Canada Canada Canada Canada	28 58 28 58	
	France	ST-III ST-III ST-III ST-III ST-III	Spruce & fir Douglas fir Pines Poplar (see Note 3) Larch	France France France France France	1, 22 54 39, 44, 47 50 15	
	Germany & Austria	S7 S7	Norway spruce Scots pine	CNE Europe CNE Europe	22 47	
	Ireland	SS SS	Norway spruce Sitka spruce	Ireland Ireland	22 28	
	Nordic countries	T1 T1 T1 T1 T1	Pine (Redwood) Spruce (Whitewood) Fir Larch Sitka spruce	NNE Europe NNE Europe NNE Europe NNE Europe Denmark & Norway	47 22 1 15 28	



C18	Portugal	E	Maritime pine	Portugal	44		
	Spain	ME2	Radiata pine	Spain	49		
		ME2	Maritime pine	Spain	44		
		ME2	Laricio pine	Spain	39		
		ME2	Scots pine	Spain	47		
	UK	SS	Western red cedar	Canada	58		
		SS	Sitka spruce	Canada	28		
		SS	Western white woods	USA	3, 6, 23, 34, 37, 38, 45, 63		
		SS	Douglas fir	UK	54		
		SS	British spruce	UK	22, 28		
		GS	Caribbean pitch pine	Caribbean	33, 42		
		GS	Southern pine	USA	35, 36, 43, 48		
		USA	J&P Sel	Western white woods	USA	3, 6, 23, 34, 37, 38, 45, 63	
	SLF Sel		Western white woods	USA	3, 6, 23, 34, 37, 38, 45, 63		
LF Const	Southern pine		USA	35, 36, 43, 48			
C16	Germany	S7	Douglas Fir	Germany	54		
	Germany & Austria	S7	Fir	CNE Europe	1		
		S7	Larch	CNE Europe	15		
	UK	GS	Paraná pine	Brazil	12		
		GS	Redwood	CNE Europe	47		
		GS	Whitewood	CNE Europe	1, 22		
		GS	Douglas fir-Larch	USA & Canada	18, 54		
		GS	Hem-fir	USA & Canada	2, 4, 5, 7, 8, 62		
		GS	S-P-F	USA & Canada	3, 6, 23, 25, 26, 27, 32, 34, 45		
	USA & Canada	GS	Larch	UK	15, 16, 17		
		J&P No.1	Douglas fir-Larch	USA & Canada	18, 54		
		J&P No.2	Douglas fir-Larch	USA & Canada	18, 54		
		J&P No.1	Hem-fir	USA & Canada	2, 4, 5, 7, 8, 62		
		J&P No.2	Hem-fir	USA & Canada	2, 4, 5, 7, 8, 62		
		J&P No.1	S-P-F	USA & Canada	3, 6, 23, 25, 26, 27, 32, 34, 45		
		J&P No.2	S-P-F	USA & Canada	3, 6, 23, 25, 26, 27, 32, 34, 45		
		USA & Canada	SLF No.1	Douglas fir-Larch	USA & Canada	18, 54	
			SLF No.2	Douglas fir-Larch	USA & Canada	18, 54	
			SLF No.1	Hem-fir	USA & Canada	2, 4, 5, 7, 8, 62	
	SLF No.2		Hem-fir	USA & Canada	2, 4, 5, 7, 8, 62		
	SLF No.1		S-P-F	USA & Canada	3, 6, 23, 25, 26, 27, 32, 34, 45		
	USA	SLF No.2	S-P-F	USA & Canada	3, 6, 23, 25, 26, 27, 32, 34, 45		
		J&P No.3	Southern pine	USA	35, 36, 43, 48		
		SLF No.3	Southern pine	USA	35, 36, 43, 48		
		Stud	Southern pine	USA	35, 36, 43, 48		
		C16	Slovak Republic	SII	Spruce	Slovak Republic	22