



SLOVENSKI STANDARD
SIST EN 1912:2005/kFprA4:2009
01-november-2009

Strukturalni les - Razredni razredi - Dodelitev razredov in vrst lesa

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 de des essences

Ta slovenski standard je istoveten z: EN 1912:2004/FprA4

ICS:

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

SIST EN 1912:2005/kFprA4:2009 en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
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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 A4, if approved, will modify the European Standard EN 1912:2004. 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.

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

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Foreword

This document (EN 1912:2004/FprA4:2009) 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/FprA4:2009 (E)**1 Modifications to Table 1**

Replace existing Table 1 with the attached Table 1.

In C30, C24 and C16, Czech Republic has been added under Germany and Austria.

In C22, Spanish pines have been added.

2 Modifications to Table 2

Replace existing Table 2 with the attached Table 2.

In D30, German Maple has been added.

3 Modifications to Table 4

Replace existing Table 4 with the attached Table 4.

Acer pseudoplatanus has been added.

4 Modifications to Table A.1

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

Czech Republic standard has been added.

"

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 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 & Czech Republic	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 & Czech Republic	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	
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		
	J&P Sel	S-P-F	USA & Canada	3, 6, 23, 25, 26, 27, 32, 34, 45		

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C24	USA & Canada	SLF Sel SLF Sel SLF Sel	Douglas fir-Larch Hem-fir S-P-F	USA & Canada USA & Canada USA & Canada	18, 54 2, 4, 5, 7, 8, 62 3, 6, 23, 25, 26, 27, 32, 34, 45	
	UK	SS	Paraná pine	Brazil	12	
		SS	Redwood	CNE Europe	47	
		SS	Whitewood	CNE Europe	1, 22	
		SS	Douglas fir-Larch	USA & Canada	18, 54	
		SS	Hem-fir	USA & Canada	2, 4, 5, 7, 8, 62	
		SS	S-P-F	USA & Canada	3, 6, 23, 25, 26, 27, 32, 34, 45	
	Slovak Republic	SS	Southern pine	USA	35, 36, 43, 48	
		SS	Caribbean pitch pine	Caribbean	33, 42	
		SS	Larch	UK	15, 16, 17	
	SI	Spruce	Slovak Republic	22		
C22	Germany	LS10 & better	Poplar	Germany	51	Minimum thickness & width is 70mm
	Spain	MEG	Scots pine	Spain	47	
		MEG	Laricio pine	Spain	39	
	UK	SS	British pine	UK	39, 47	
	USA	J&P No.1	Southern pine	USA	35, 36, 43, 48	
J&P No.2		Southern pine	USA	35, 36, 43, 48		
SLF No.1 SLF No.2		Southern pine Southern pine	USA USA	35, 36, 43, 48 35, 36, 43, 48		
C20	Canada	No.1 & better	S-P-F	Canada	3, 6, 23, 25, 26, 27, 32, 34, 45	
		No.1 & better	Douglas Fir – Larch	Canada	18,54	
		No.1 & better	Hem-fir	Canada	2, 4, 5, 7, 8, 62	
C18	Canada	J&P Sel	Sitka spruce	Canada	28	
		J&P Sel	Western red cedar	Canada	58	
		SLF Sel	Sitka spruce	Canada	28	
		SLF Sel	Western red cedar	Canada	58	
	France	ST-III	Spruce & fir	France	1, 22	
		ST-III	Douglas fir	France	54	
		ST-III	Pines	France	39, 44, 47	
		ST-III	Poplar (see note 3)	France	50	
		ST-III	Larch	France	15	
	Germany & Austria	S7	Norway spruce	CNE Europe	22	
		S7	Scots pine	CNE Europe	47	
	Ireland	SS	Norway spruce	Ireland	22	
		SS	Sitka spruce	Ireland	28	
	Nordic countries	T1	Pine (Redwood)	NNE Europe	47	
		T1	Spruce (Whitewood)	NNE Europe	22	
		T1	Fir	NNE Europe	1	
		T1	Larch	NNE Europe	15	
T1		Sitka spruce	Denmark & Norway	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	
USA	GS	Southern pine	USA	35, 36, 43, 48	
	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 & Czech Republic	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
	USA & Canada	J&P No.2	S-P-F	USA & Canada	3, 6, 23, 25, 26, 27, 32, 34, 45
		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
		SLF No.2	S-P-F	USA & Canada	3, 6, 23, 25, 26, 27, 32, 34, 45
	C16	USA	J&P No.3	Southern pine	USA
USA		SLF No.3	Southern pine	USA	35, 36, 43, 48
		Stud	Southern pine	USA	35, 36, 43, 48