

EUROPEAN STANDARD

EN 1912:2012/AC

NORME EUROPÉENNE

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EUROPÄISCHE NORM

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ICS 79.040

English version
Version Française
Deutsche Fassung

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 corrigendum becomes effective on 21 August 2013 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 21 août 2013 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 21. August 2013 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



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

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1 Modifications to Clause 6, Table 1 Assignment of grades of conifer and poplar species to strength classes

Add in the row C27 for France, "Pines" (4th column), "France" (5th column) and "37,47" (6th column).

Delete in the row C24 for France, the identification "44" for Pines.

Add in the row C22 for Germany, the grade "LS10L & better".

Replace in the row C22 for Italy, the grade "S2 &" for Larch with "S2 & better" and replace "better" for Douglas fir with "S2".

Delete in the row C18 for France, the identification "44" for Pines.

Add the line at the end of the table for France under the strength class C14.

| Strength Class | Grading rule publishing country | Grade (see Note 2) | Species commercial name | Source | Botanical identification (see Table 3) | Comments |
|----------------|---------------------------------|---------------------------------|-------------------------|----------------|--|----------|
| C27 | France | ST-I | Larch | France | 15 | |
| | | | Pines | France | 39,47 | |
| C24 | France | ST-II | Spruce & Fir | France | 1, 22 | |
| | | ST-II | Douglas Fir | France | 54 | |
| | | ST-II | Pines | France | 39, 47 | |
| | | ST-II | Poplar (see note 1) | France | 50 | |
| | | ST-II | Larch | France | 15 | |
| C22 | Germany | LS10 & better LS10K & better | Poplar | Germany | 51 | |
| | Italy | S2 & better S2 | Larch Douglas fir | Italy Italy | 15 54 | |
| C18 | France | ST-III | Spruce & fir | France | 1, 22 | |
| | | ST-III | Douglas fir | France | 54 | |
| | | ST-III | Pines | France | 39, 47 | |
| | | ST-III | Poplar (see note 3) | France | 50 | |
| | | ST-III | Larch | France | 15 | |
| C14 | France | ST-IV | Pines | France | 39, 47 | |

2 Modifications to Clause 6, Table 2 Assignment of grades of hardwood species to strength classes

Delete in the row D50, all the information for the row France.

Add in the row D40 for Germany, the grades "LS13K", "LS10K and better".

Add in the row D35 for Germany, the grade "LS10K and better".

Add in the row D30 for Germany, for both oak and maple, "and better" for the grade LS10 and "LS10K and better".

| Strength class | Grading rule publishing country | Grade (see Note 1) | Species commercial Name | Source | Botanical identification (see Table 4) | Comments |
|----------------|---------------------------------|---|-------------------------|---------|--|----------|
| D40 | Germany | LS 13, LS13K | Beech | Germany | 119 | |
| | | LS10 and better, LS 10K and better | Ash | Germany | 131 | |
| D 35 | Germany | LS 10, and better, LS 10K and better | Beech | Germany | 119 | |
| D30 | Germany | LS10 and better, LS10K and better | Oak | Germany | 122, 123 | |
| | | LS10 and better, LS10K and better | Maple | Germany | 75 | |

3 Modifications to Annex A, Table A.1 Grading standards

Replace in the row for Austria 3rd column, the reference "DIN 4074-1:2009+A.1:2012" with "DIN 4074-1:2012".

Add in the row for France, 2nd column, the grade "ST IV" and replace the grade "HSR" with "HSST1".

Add in the row for Germany, 2nd column, the grades "S13K", "S10K", "S7K", "LS13K" and "LS10K and better".

Replace in the row for Germany, 3rd column, 1st line, "2003" with "2012".

Replace in the row for the UK, 3rd column, "BS 4978:2007" with "BS 4978:2007+A1:2011".

Replace in the row for the UK, 3rd column, "BS 5756:2007" with "BS 5756:2007+A1:2011".

| Grading rule publishing country | Grade | Grading standard |
|---------------------------------|--|---|
| Austria | S13, S13K S10, S10K S7, S7K | Austrian Standard OENORM DIN 4074-1:2012 (sortiert als Kantholz) (graded as joist) Sortierung von Holz nach der Tragfähigkeit,-Teil 1: Nadelschnittholz |
| France | ST-I ST-II ST-III ST IV HSST1 | French Standard NF B 52-001-1:2011 Règles d'utilisation du bois dans les constructions; Classement visuel pour emploi en structure pour les principales essences résineuses et feuillues |
| Germany | S13, S13K S10, S10K S7, S7K LS13, LS13K LS10 and better, LS10 K and better | German Standard DIN 4074 Teil 1 (sortiert als Kantholz) (graded as joist) Sortierung von Holz nach der Tragfähigkeit,- Teil 1: Nadelschnittholz, 2012 German Standard DIN 4074 Teil 5 (sortiert als Kantholz) (graded as joist) Sortierung von Holz nach der Tragfähigkeit - Teil 5: Laubschnittholz, 2003 |
| UK | SS GS HS TH1 | British Standard BS 4978:2007 +A1:2011 Visual strength grading of softwood British Standard BS 5756:2007 +A1:2011 Visual strength grading of hardwood |