

# DIN EN 14081-1:2011-05 (E)

## Timber structures - Strength graded structural timber with rectangular cross section - Part 1: General requirements (includes Amendment A1:2011)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	6
4	Symbols .....	7
5	Requirements .....	7
5.1	Grading, general .....	7
5.2	Visual strength grading .....	8
5.3	Machine strength grading .....	8
5.4	Durability against biological attack .....	10
5.5	Reaction to fire .....	10
6	Evaluation of conformity .....	10
6.1	General .....	10
6.2	Initial type testing and assessment .....	10
6.3	Factory production control (FPC) .....	12
7	Marking .....	13
7.1	!General .....	13
7.2	Information either on the timber or on its package .....	13
7.3	Information in the documents accompanying either the timber or package of such timber" .....	14
Annex A (normative)	Requirements for strength reducing characteristics for visual grading standards .....	17
A.1	Limitations for strength-reducing characteristics .....	17
A.2	Limitations for geometrical characteristics .....	18
A.3	Limitations for biological characteristics .....	19
A.4	Other characteristics .....	19
Annex B (informative)	Marking codes for single species .....	20
Annex C (normative)	Reaction to fire: Euroclass without the need for further testing .....	22
Annex ZA (informative)	Clauses of this European Standard addressing the provisions of the EU Construction Products Directive .....	23
ZA.1	Scope and relevant characteristics .....	23
ZA.2	Procedure for attestation of conformity of strength graded structural timber with rectangular cross section .....	24
ZA.3	Marking .....	27