

DIN EN 14081-1:2006-03 (E)

Timber structures - Strength graded structural timber with rectangular cross section - Part 1: General requirements

Contents		Page
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 on the product (except if omitted for aesthetic reasons)		13
7.3 Information either on the product (except if omitted for aesthetic reasons) or in accompanying documentation		13
Annex A (normative) Requirements for strength reducing characteristics for visual grading standards		16
A.1 Limitations for strength-reducing characteristics		16
A.2 Limitations for geometrical characteristics		17
A.3 Limitations for biological characteristics		18
A.4 Other characteristics		18
Annex B (informative) Marking codes for single species		19
Annex C (normative) Reaction to fire: Euroclass without the need for further testing		21
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive		22
ZA.1 Scope and relevant characteristics		22
ZA.2 Procedure for attestation of conformity of strength graded structural timber with rectangular cross section		23
ZA.3 Marking		26