



# Visually strength graded structural (GS/SS) timber



EN 14081-1 (Annex ZA)

Products covered by the declaration:	Visually strength graded structural timber decking (according to BS 4978) which fulfils the requirements of EN 14081-1: 2016
Produced in the UK by:	Marley Limited, The Old Shipyard, Gainsborough, Lincolnshire DN21 1NG
Intended use:	For load bearing purposes in construction works designed according to Eurocode 5 (EN 1995) and for other uses where adequate strength and stiffness of the structure is essential.
Certification:	The notified body BM Trada Certification Limited (identification No. 1224) has performed the initial inspection of the manufacturing plant and of the factory production control and continues to perform continuous surveillance, assessment and evaluation of the factory production control. BM Trada has issued the certificate of constancy of conformity of the factory production control No. 1224-CPR-0740.
Declared performance:	The performance of the visually strength graded structural timber (according to BS 4978: 2007 + A2: 2017) is in conformity with the harmonised European Standard EN 14081-1: 2016 Timber Structures – Strength graded structural timber with a rectangular cross section – Part 1: General Requirements.

Characteristic*	Declared performance (System 2+)	Technical Report References	Harmonised Technical Specification
Species / species group	PNSY (Pinus Sylvestris)		EN 14081-1 Table B.1
Growth area	NNE Europe		
Range of thickness	28mm, 34mm, 46mm		
Range of widths	120mm, 145mm		
Surface finish	Machined	Factory production Control Manual (1690)	
Dry graded (if marked)	DG	Finished Product Technical Specification (1686)	EN 338
Grade / Grading Standard	SS/GS, BS 4978	ISO 9001 Registered Firm Certification	EN 350-2
Strength, stiffness and density	C16 and C24		EN 335
Durability (if untreated)	4		EN 335
Durability (out of ground)	UC3 (Koppers AC500)		EN 14081-1 Table ZA.1
Durability (ground contact)	UC4 (Koppers AC500)		EN 13501-1
Reaction to fire	D-s2, d0		
Flammability rating (fire retardant treated)	Euroclass B		
Release of dangerous substances	NPD		

\* Products covered by the declaration are in conformity with the declared performance

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, as it has effect in the United Kingdom under the sole responsibility of Marley Limited.

Signed for and on behalf of Marley Limited.



David Speakman, Chief Executive Officer  
Burton Head Office, UK, 31st July 2023



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# UK CA

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Durability (ground contact)	UC4 (Koppers AC500)		EN 13501-1
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