

# DECLARATION OF PERFORMANCE

## Visually strength graded structural timber (GS/SS timber)

### Construction Product

Visually strength graded structural timber (according to BS4978) which fulfils the requirements of EN 14081 -1:2005+A1:2011.

### Intended use of the construction product

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.

### Producer / Manufacturer

Company: Smith Bros Timber (East Anglia) Ltd  
Address: 15 Cooke Road, Lowestoft, Suffolk NR33 7NA  
E-mail: [sales@smiths-timber.co.uk](mailto:sales@smiths-timber.co.uk)  
Website: [www.smiths-timber.co.uk](http://www.smiths-timber.co.uk)

### System of assessment and verification of constancy of performance of the construction product

System 2+

### Certification

The notified body BM TRADA Certification Limited (identification number 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 Certification Limited has issued the certificate of conformity of the factory production control No. 1224-CPR-1224.

### Declared performance

The performance of the visually strength graded structural timber (according to BS4978:2007+A1:2011) is in conformity with the harmonised European Standard EN 14081-1:2005+A1:2011 Timber Structures – Strength graded structural timber with rectangular cross section – Part 1: General Requirements

#### **Essential Characteristics**

#### **Declared Performance**

Species/species group	WPPA Spruce ( <i>Picea abies</i> ) & Pine ( <i>Pinus sylvestris</i> )
Growth area	Northern & North Eastern Europe
Range of thickness*	22mm – 100mm
Range of width*	50mm – 300mm
Surface finish	Sawn or Planed
Dry Graded (if marked)	Dry graded
Grade/grading standard	SS or GS/BS4978

Strength, stiffness and density C24 or C16 (according to EN 338)

Durability (may contain sapwood) 4(5) (according to EN 350-2)

Reaction to fire D-s2, d0 (according to EN 14081-1, Table C.1)

Release of dangerous substances NPD

\*Sizes are provided for fire resistance calculations

### Authorisation

This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Jason Harness

(signature)

JASON HARNESS - MILL FOREMAN

(name and function)

SMITH BROS TIMBER

11/2/14

(place and date of issue)