

THE ROOFING BATTEN GUIDE

# SRT GOLD<sup>®</sup>

## BS 5534 Batten





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## Contents

Introduction	04
Journey from tree to yard	06
SRT Gold Batten	08
Code for Construction Product Information (CCPi)	10
Five tips for recognising BS Batten	12
Preservative Treated Wood	16
Batten Shield	17
Projects	18

# S R Timber have, for over 20 years, specialised in distributing correctly graded roof batten to Great Britain's construction sector.

## Why we do what we do

To raise awareness of the standards - making sure only correctly graded, sustainably sourced roofing batten is installed on Great Britain's roofs.

## How we do it

Together with Timberex - our partner sawmill we share the same amount of passion and commitment for quality. We manage and control every part of the manufacturing process - from the raw material through to the final product ensuring conformity to the Code of Practice BS 5534.

## What we do

Whilst delivering our trade marked SRT GOLD® graded roofing batten, for coming up to two decades - we also offer a range of ancillary roofing timbers and construction timber products, through to cedar shingles. All sustainably sourced and fully compliant to all relevant Codes of Practice.

## Why choose S R Timber?

S R Timber was built to raise standards in timber roofing.

S R Timber isn't just another supplier. When S R Timber was born, it wasn't created to produce premium products. It was created to make and distribute the correct ones.

That's why we exist. To help raise standards in timber roofing - highlight what is a true and correct graded roofing batten. To give guidance and educate the whole market. And to give roofers, merchants, and housebuilders confidence in the roofing batten they purchase and use.

## Correctly Graded Roofing Batten

- SRT GOLD® is our correctly graded roofing batten, incorporating a unique and distinctive gold/orange colouration.
- SRT GOLD® roof battens are produced in Latvia, then imported to our timber terminals.
- Fully compliant to all relevant Codes of Practice: BS 5534:2014+A2:2018 and BS 8417:2011+A1:2014 (Preservation of Wood) Use Class 2.
- Available in both 25mm x 38mm and 25mm x 50mm profiles and lengths from 3.0m up to 5.4m in increments of 300mm.
- WPA Approved Product.
- CCPi Assessed Product.



## SRT GOLD® Batten

Product Code	Dimensions (nominal)	Dimensions (finished)	Pack Size	Lengths Available
10740409	25x38mm	25x38mm	560	3.6-5.4m
10725085	25x50mm	25x50mm	440	3.6-5.4m

## Recommended Minimum Timber Batten Sizes

(Roofing and Vertical Work)

Application	Basic minimum size of battens			
	up to 450mm Span		up to 600mm Span	
	Width mm	Depth mm	Width mm	Depth mm
SLATES (double lap) Natural - sized or random	50	25	50	25
Fibre-cement or concrete	38	25	50	25
<b>Clay and concrete tiles</b>				
Double lap	38	25	38	25
Single lap	38	25	50	25



# SRT GOLD® journey from tree to yard



### A trusted trademarked brand

SRT GOLD® has been distributed throughout Great Britain's construction sector for almost two decades, it has a unique orange colouration, a product that has earned trust within the market, a product compliant to British Standards.

### Approved Code of Practice

Compliant with BS 5534:2014+A2:2018 Pressure treated to Use Class 2, conforming to BS 8417:2011+A1:2014.

### Third party accreditation

Regularly audited by CATG (UKAS Accredited) to ensure continued and consistent application of British Standards.



### Correct dimensions - full to size

SRT GOLD® is correctly produced, batten thickness minimum 25mm (allowed tolerances -0mm/+3mm). Batten width 38mm or 50mm (allowed tolerances -3mm/+3mm). Gold batten will be consistent in dimension.

### Chain of custody certification

Ask for our FSC® and PEFC-certified products.

### Vacsol® 6118 Aqua Preservative

Treated to BS 8417:2011+A1:2014 Impregnated to Use Class 2 by double vacuum/low pressure water based preservative. Protection with a standard 60 year service life against insect attack and wood rotting fungi. (When used correctly and installed above dpc level in buildings).

### Product stamped showing

Producer, graded BS 5534, imported, size, CATG (our 3rd party independent accreditation marking).

### Wood Protection Association

Timberex have WPA quality approval certification and are audited as an approved treater and capable of producing treated wood to the correct Use Class(es). Use Class if treatment is stated on all documentation.



### Each delivery is accompanied with documentation stating

Supplier, imported, graded in accordance with BS 5534, sizes, type of treatment and chain of custody certification details.

### Factory graded roofing battens

We control by; firstly, automated and visual grading of the raw material, the second process is actually grading every piece of produced batten at commercial speed - grading consists of checking dimensions, knot sizes, wane, fissures and splits, slope of grain, rate of growth, distortion, decay, insect attack and sap stain, are all within the requirements set out in BS 5534.

### Kiln dried to the correct levels

Firstly ensuring the timber is at the correct moisture content to enable the treatment process works correctly, then the final product - graded roofing batten, will be treated correctly and will conform to BS 8417 - having sufficient treatment within the material to Use Class 2, and giving a 60 year service life.

# Code for Construction Product Information

The aim of the Code for Construction Product Information (CCPI) is to raise standards in construction product information and marketing, and to drive positive cultural change in the manufacturing and supply sector. This is achieved by promoting clear, accurate, accessible, up-to-date, and unambiguous product information.

The CCPI assessment process includes critical components, such as leadership and culture, as well as ongoing registration elements, which are not found in other assessments within the construction sector for manufacturers and their product information. These components, along with other aspects of CCPI registration; such as the online Issues Portal; offer valuable assessment criteria and continuous engagement, helping users and specifiers gain more confidence that they are working with manufacturers and suppliers



committed to continuously improving their product information. However, please note that conformance with CCPI is not a guarantee of product information accuracy and should not be used as such.

For us as importers, merchants, and distributors, the CCPI includes a four-clause code covering a range of responsibilities. These responsibilities include requirements to maintain audit trails for all product information, have a documented sign-off process, and establish a company policy and practice to promote the manufacturers' CCPI and assessment to its suppliers.

This mark means that we as an importer and distributor of construction products are committed to the "Code for Construction Product Information – Merchant & Distributor Version". Independent assessment has been carried out to confirm that as an organisation we have the necessary culture and product information management processes and systems in place to uphold the CCPI, and that we will adhere to the clauses diligently and proactively, promoting and supporting the adoption of the Code with our suppliers and playing an active part in the continuous improvement of product information and marketing.



As a distributor of a CCPI assessed product we also have responsibility to ensure that we clearly and unambiguously market those construction products carrying the CCPI assessment mark where provided by our suppliers. Our on-going registration with CCPI supports driving much-needed change and improvement.

For the avoidance of doubt, construction product information carrying the CCPI assessment mark will be signified by the CCPI mark (example shown opposite) carrying its unique assessment identification number and expiry date.

Please note, this only applies to the products covered specifically by that unique mark and identification number. This means that only this product information has been independently assessed by CPI Ltd as registered with and conforming to the Code for Construction Product Information.

Any products which are displayed not carrying the CCPI assessment mark have not been independently assessed as conforming with the CCPI. This mark is not a generic guarantee and should not be used as such.

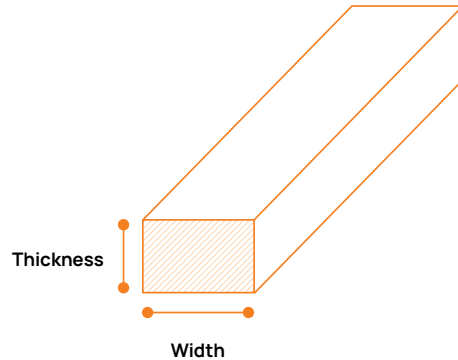


# Five tips for recognising BS Batten

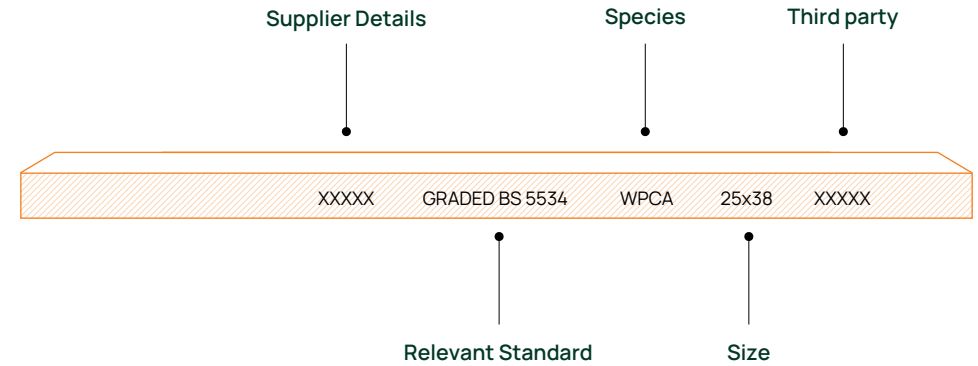
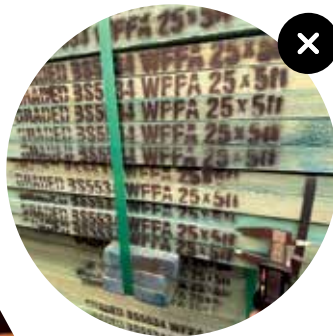
## 01 Sizing

Check batten isn't undersize on both the thickness and the width

- Minimum 25mm on the **thickness**, and to a maximum 28mm (allowed tolerances -0mm/+3mm)
- Minimum 35mm on the **width** to a maximum of 41mm for 38mm sized batten
- Minimum 47mm on the **width** to a maximum of 53mm for 50mm sized batten



Good graded batten will be consistently sized in both thickness and width.



## 02 Markings

Counterfeit batten may still be stamped, however with missing/incorrect markings.

Check to ensure the marking/stamping on each piece of batten shows...

- Supplier (Manufacturer)
- Origin - Imported and/or species code (either is permitted)
- 'Graded BS 5534' (must state both graded and BS 5534)
- Size (25x38 or 25x50)
- Those companies who follow industry best practice recommended by the National Federation of Roofing Contractors and Timber Development UK will also apply third party accreditation markings which records independent compliance and management records of the production of graded battens

Moisture content of the batten should not exceed 22% at time of fixing (excessive heavy batten may indicate incorrect moisture content) if in doubt - ask the question.

The British Standard which contains the rules that slating and tiling battens need to be graded to is...

BS 5534:2014+A2:2018

03 Knots

- Check size of knots on each face - 38mm / 50mm part of the batten
- Maximum 5mm knot rule, this is for knots running edge to edge, thickness only (see below)
- Wane permitted on one arris only - should not exceed one third of the batten dimension
- Bow, spring or twist should each be not greater than 5mm, measured over a length of 1.2m

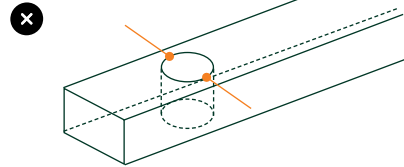
5mm rule

Knots over 5mm running through the batten edge to edge (25mm) is not compliant with BS 5534.

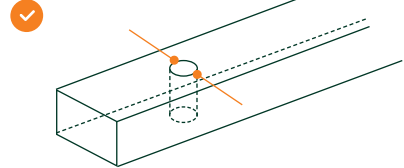


Through' edge knot greater than 5mm in diameter (X)  
 Through' edge knot less than 5mm in diameter (✓)  
 Edge knot running across face: greater than 5mm either an edge (X)

More than half size on both faces (widths) of the batten



Less than half size on both faces (widths) of the batten



The rule on knots can be quite complicated, but essentially, any large knot which is bigger than half the width of the batten, appearing on both sides of the face (width), as illustrated above, would not be compliant to BS 5534.

Knots which are less than a palms width apart, best practice should be to take both knots into consideration as one overall knot, when assessing the knot size is within tolerances of BS 5534.



04 Preservative

Roofing battens are classed as Use Class 2, requiring treatment to comply with BS 8417

Find an accredited supplier

The Wood Protection Association (WPA) administers a series of Quality Approval Schemes which cover timber treatment formulations, processes and products – providing valid independent assessment and verification.

To find suppliers of treated timber certificated under the WPA Benchmark preservative treated wood (TW) scheme, visit:

[www.thewpa.org.uk/member-products-services](http://www.thewpa.org.uk/member-products-services)



05 Due Dilligence

All documentation should show the following as a minimum, e.g. on delivery notes.

- Name of supplier
- Origin (imported and/or species code)
- Graded in accordance with BS 5534
- Basic size or sizes
- Type of preservative and method of treatment (Use Class 2), if available (the vast majority of batten required is specified and needs to be treated - so the preservative and method should be shown)

Good suppliers also state, and should also offer, the following.

- Full Chain of Custody. Ask for our FSC® and PEFC certified products
- As well as showing imported, good suppliers also state the species name within their documentation
- 3rd Party Accreditation (their ID markings/who it is)
- Paperwork may also contain useful information such as confirmation of treatment by the UK WPA benchmark scheme

# Preservative Treated Wood

Preservative treatment provides wood with added durability. However, it is a mistake to assume that all pressure-treated wood is the same. Whilst one piece of treated wood may look very much like another, the level of preservative protection could be very different. That's because national technical standards for wood preservation require that the loading and penetration of preservative impregnated into the wood are tailored to the desired end use.



INTERIOR	EXTERIOR	
<b>USE CLASS 2</b>	<b>USE CLASS 3(u)</b>	<b>USE CLASS 4</b>
Above the ground or DPC, covered	Above the ground (uncoated)	Ground or fresh water contact (and exterior structural support)
Internal construction timbers within the building envelope: Tiling battens, framing and roof timbers, internal joists, sole plates.	External construction timbers: Deck boards, cladding (inc. battens) fencing panels, rails and boards.	External construction timbers: Fence posts, agricultural timbers, retaining walls, playground equipment, decking posts, joists and beams.

\* This information has been taken from the WPA Buyers Guide to Preservative Treated Timber



## Batten Shield

### S R Timber Batten Shield - Batten End Seal

- Makes batten cut ends compliant with BS 5534
- Prevents water damage
- Non-drip cream structure
- 0% VOC (Volatile Organic Compounds)
- Non-film-forming (Does not flake off)
- Reduces the risk of micro-organism growth and frost damage
- Hazard Classification: H412

### S R Timber Batten Shield

Product Code	Colour	Pack Size	Box Qty
10691944	Gold	1 litre tin	6 tins

Case study

# Lucent W1 project

**Client:**

Landsec

**Architect:**

Fletcher Priest Architects

**Main Contractor:**

Wates Group

**Roof design and supply:**

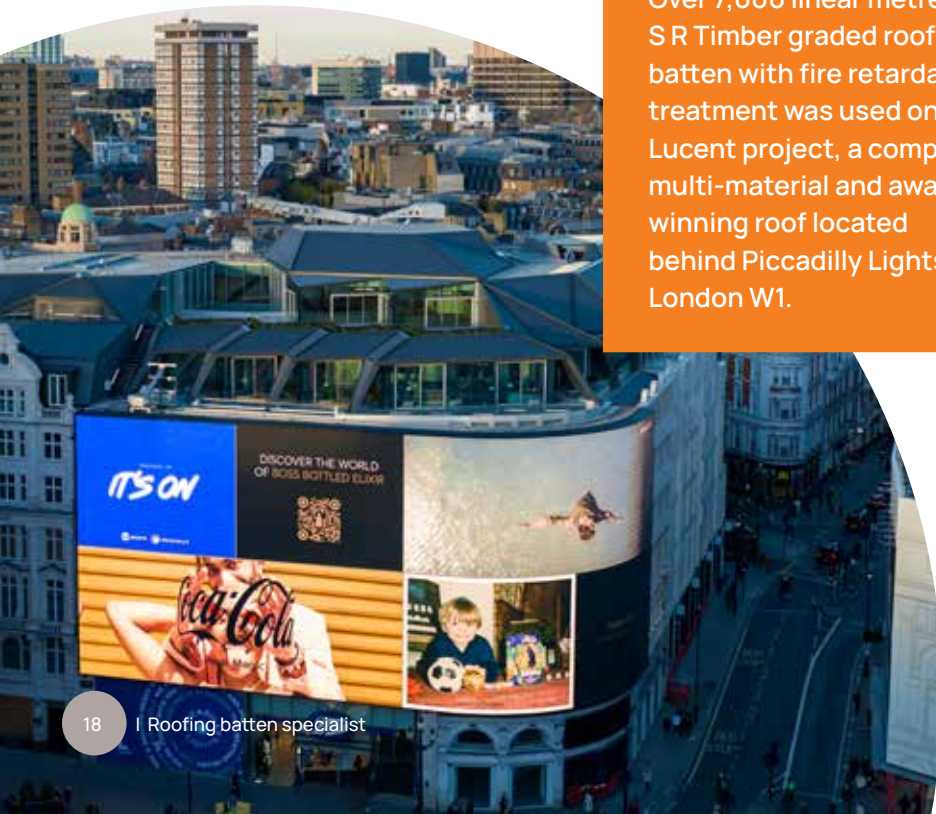
AccuRoof with SIGA Slate, SIG Zinc and Copper, S R Timber and SIG Roofing

**Specialist Roofing Contractor:**

E J Roberts Roofing Ltd



Over 7,000 linear metres of S R Timber graded roofing batten with fire retardant treatment was used on the Lucent project, a complex multi-material and award-winning roof located behind Piccadilly Lights in London W1.



Case study

# West Bromwich Town Hall

**Client:**

Sandwell Metropolitan Borough Council

**Architect:**

Apec Architects

**Main Contractor:**

Morgan Sindall Construction

**Roofing Design & Supply:**

AccuRoof with SIGA slates, SRT GOLD® roofing batten, SIG Roofing branch in Dudley

**Specialist Roofing Contractor:**

NRA Roofing

**Property:**

Grade II Listed Heritage Building

Almost 20,000 linear metres of SRT GOLD® graded roofing batten were used in the roof renovation of the Grade II listed West Bromwich Town Hall and Central Library, completed in September 2024.

Case study

# The Cosmopolitan hotel

**Client:**

The Cosmopolitan Hotel

**Main Contractor:**

Clegg Construction

**Specialist Roofing Contractor:**

NRA Roofing

**Roof design and supply:**

AccuRoof with SIGA slates, SRT GOLD® roofing batten, all supplied via SIG Roofing branch in Leeds

**Property:**

Victorian heritage building

5,000 linear metres of SRT GOLD® graded roofing batten have been used in the recent refurbishment of the Cosmopolitan Hotel, in Leeds city centre. It's a distinguished Victorian building and one of the city's oldest and most recognisable landmarks.



Case study

# Thomas Rotherham College

**Client:**

Thomas Rotherham College

**Specialist Roofing Contractor:**

NRA Roofing

**Roof design and supply:**

AccuRoof with Welsh Slate (Cwt Y Bugail Celtic Grade 500mm x 250mm), SRT GOLD® roofing batten, all supplied via SIG Roofing

**Property:**

Victorian heritage building

A total of 4,750 linear metres of SRT GOLD® graded roofing batten have been used in a new roof, completed with over 30,000 Welsh slates, for the Thomas Rotherham College. Their Woodhurst building required extensive work to remove and replace the existing roof, covering an area of 500 m².



If you need assistance with choosing the right timber for your project please do not hesitate to contact us. We can also supply you with copies of our 'Guide to Graded Roofing Battens' and product data sheets.

These are also available on our website at [sr-timber.co.uk](http://sr-timber.co.uk)



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