

Battens – the facts:

BS5534:2003

Batten Sizes

25x50 MUST be used for:

- a) ALL single lap tiling and concrete and fibre cement slating applications on 600mm rafter centres.
- b) ALL natural slating applications on both 450mm and 600mm rafter centres.

Batten Sizes

25x38 should be used for:

- a) double lap tiling applications on 600mm rafter centres.
- b) double and single lap tiling, fibre cement and concrete slating applications on 450mm rafter centres.

Batten Sizes

19x38, 19x50, 22x38 and 22x50

('25x38 & 25x50 nominal') do not

comply with and are not recognised

in BS5534:2003 (as also was the case

in BS5534:pt1;1997).

Types 'A' & 'B' Species

These are no longer recognised

descriptions. However species

MUST be identified as a) Imported

or b) British Grown, or the individual

species code used. The type 'A' species

(imported) is still recognised as being

significantly stronger than the old

type 'B'.

Calculating Batten Size

The calculation method can ONLY

be used for centres over 600mm

and the recommended table of

sizes MUST be adhered to for

600mm and 450mm rafter centres.

Marking

All battens MUST be individually

marked, identifying the species,

size, treatment, grade and name

of supplier. In addition, all

accompanying documentation

MUST state the above as well

as the treatment details.

Grading

The rules remain as before but there

will be greater emphasis placed upon

their application. Grading is a new

area of focus and it must be noted

that the old type 'B' species such

as Sitka Spruce (WPCS) can contain

excessively large knots and can often

have fewer than 4 growth rings

per 25mm.

Treatment

We recommend that all battens

are classified as 'Hazard Class 2'

and they must be treated.

Regulations

New NHBC and Zurich Building

Guarantees now refer to the

revised BS5534:2003 and

recommend using the new

table of sizes.

Check that:

▶ **Your Battens are the Correct Size**

Follow the recommended table of sizes in BS5534:2003,

(printed in this guide), to ensure that batten of correct size is used for the

specific rafter centres and the slate or tile types being used.

▶ **Your Battens are Full to Size**

John Brash Battens are guaranteed to be full to size.

▶ **Your Battens are Individually Marked**

John Brash Battens are all individually marked identifying the species,

size, treatment, grade and name of supplier.

▶ **Your Battens are Correctly Treated**

John Brash Battens are fully treated to BS8417:2003 under our BS EN ISO

9001:2000 accreditation.

▶ **Your Battens are Guaranteed**

John Brash Battens carry a 60 year guarantee when installed correctly.

▶ **Your Battens are Manufactured from Quality Timber**

John Brash Battens are manufactured from the **stronger imported species**,

previously referred to as 'Type A' – European Redwood (PNSY) and European

Whitewood (WPCA).

▶ **Your Battens are Graded**

John Brash battens are fully graded with the exception of a final grade for knots.

We recommend that final grading for defects takes place on site.

(See NFRC TB33).

▶ **Your Battens are Sourced from Well Managed and Sustainable Forests**

John Brash Battens are manufactured from timber carefully sourced from

environmentally well managed forests and from companies that have

strong environmental policies. Virtually all our suppliers have either FSC

or PEFC accreditation.

John Brash offer battens that are high quality, competitively priced and in stock for rapid delivery. John Brash battens are recognised as the premier brand in the industry, offering consistent high quality product and service.



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John Brash

Our timber battens are really well cared for. Just like our customers.



John Brash Timber Importers
The Old Shipyard, Gainsborough
Manufacturers of Timber Roofing Battens

Profile of a World Class Company
Passionate about timber and celebrating our
centenary in 2005

Founded in 1905, specialist timber importer and manufacturer
John Brash & Company is the UK's foremost supplier of
quality graded timber battens to the construction industry.

We are an ISO9001:2000 registered company and are
members of the NFRC (National Federation for Roofing
Contractors). John Brash fully supports the NFRC
Co-Partnership Scheme to provide a 10 year guarantee
on roofing materials and workmanship. John Brash battens
come with their own 60 year guarantee when used above
dpc level. In addition we support both the 'Roofsafe' and
'Roofsafe Plus' Schemes.

Environmental policy

John Brash & Company
only purchases from
sawmilling companies
that use logs taken from
sustained forests.
Currently we import
mainly from Scandinavia
and Finland, which have
strict forestry policies.
For nearly a century,
felling in these areas has
been tightly controlled
to be less than the annual
increment in forestry
growth. Consequently,
a high percentage of
the standing stock is
mature and still
increasing in volume.

Many of the sawmilling
companies from which
we source timber are
FSC (Forest Stewardship
Council) and PEFC
(Pan European Forest
Certification) accredited,
and operate (as does
John Brash) a strict
environmental policy.
John Brash are currently
seeking accreditation.

Timber treatments

Battens from John Brash & Company are guaranteed for
60 years against decay when used above dpc level.

_Our own timber treatment division operates on a round
the clock basis. Our purpose built plants are regarded as
amongst the largest, most automated and advanced in Europe.
They are now converted to use the latest treatments to comply
with present day legislation.

_All treatment complies
with BS8417:2003 and is in accordance with our BS EN
ISO 9001:2000 quality assurance scheme. Separate data
sheets on our treatments are available.



John Brash can supply all your timber requirements

Packaging of standard batten sizes

Battens are bundled and supplied in packs of approximately 1.5m³

Batten Size (mm x mm)	Linear metres per m ³	Pieces per bundle	Bundles per pack
19 x 38	1385.04	10	48
25 x 38	1052.63	10	40
25 x 50	800.00	10	30

As well as the full range of graded and marked roofing battens John Brash can
supply all your timber requirements for roofing. From 6x25 plaster laths to 47mm
and 75mm thickness graded carcassing, together with angle filets, firrings, fascia,
lead and zinc roll... All packaged and bundled in small easy to handle packs.

Packaging additional non standard sizes

Pack	Packaged	Pcs /	Pack	Packaged	Pcs /
6 x 25	24 x 96	2304	25 x 150 c/c	20 x 10	200
6 x 38	40 x 40	1600	25 x 150	25 x 4	100
6 x 50	30 x 40	1200	25 x 150 p.a.r	1 x 30	30
8 x 50	30 x 30	900	32 x 38	24 x 12	288
9 x 38 drip batten	40 x 20	800	32 x 50	24 x 9	216
10 x 38	48 x 20	960	38 x 38	24 x 10	240
10 x 50	36 x 20	720	38 x 50	20 x 9	180
11 x 38	40 x 20	800	38 x 75	32 x 4	128
11 x 38 p.a.r.	40 x 20	800	47 x 50	24 x 6	144
13 x 38	40 x 20	800	50 x 50 c/c	24 x 12	288
13 x 50	30 x 20	600	50 x 50 l.roll	1 x 144	144
19 x 50	36 x 10	360	47 x 75	1 x 96	96
22 x 38	40 x 10	400	50 x 75 firrings	24 x 8	192
22 x 50	30 x 10	300	47 x 100	1 x 72	72
25 x 75	40 x 5	200	50 x 100 c/c	24 x 6	144
25 x 100	1 x 150	150	47 x 150	1 x 48	48
25 x 100 f/edge	30 x 10	300	75 x 75 c/c	16 x 8	128
25 x 125 f/edge	20 x 10	200	75 x 150 t.curb	16 x 4	64

ROUGH SAWN
(CARCASSING)



LEAD ROLL



ZINC ROLL



TIMBER CURB



DRIP BATTEN



GAUGING BATTEN



COUNTER BATTEN



FEATHER EDGE
& FIRRINGS



ANGLE FILLET



Recommended table of batten sizes from BS5534:2003
code of practice for slating and tiling

Application	Basic minimum size of batten ^{a,b,c}			
	up to 450 mm span		up to 600 mm span ^d	
	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
Clay and Concrete tiles				
Double-lap	38	25	38	25
Single-lap	38	25	50	25

^a Table 1 from BS 5534: 2003 is reproduced with permission of BSI under license number 2003DH0247. British Standards can be obtained from
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^a Tolerances on the basic sizes of timber batten should be width +/- 3mm, depth -
0/+3mm, based on measurement at a reference moisture content of 20%

^b These minimum sizes do not apply to battens used to support ridges,
hips and valleys

^c Batten sizes for other slates, tiles and shingles, such as cedar shingle and shakes
and metal tiles, or other proprietary roofing products, should be in accordance with
the manufacturers' recommendations

^d Span is defined as the distance between centres of supports, or the clear distance
between the face of supports plus half the bearing length at each end support,
whichever is the lesser. The end-bearing length should not be less than 17.5mm.

Customer service

John Brash maintains large stocks to enable a rapid delivery service. Full technical
support is available from our sales office, alongside a full range of literature and
point of sale materials. We are committed to offer the highest levels of customer
service and have a policy of continuous improvement