

Technical Specification - JB Standard JB CitiDeck JB AntislipPlus

Colour Pale Green, fading over time to a Silver Grey
Grade Scandanavian V Redwood, Strength Graded to C16 or C24

Original Size	Finished Size	Profile	C16 (Multiple Span)	C24 (Multiple Span)	C24 (Single Span)	Standard	Available Ranges: CitiDeck	Available Ranges: AntislipPlus
32 x 125	28x120	Smooth	300 mm	430 mm	350 mm	✓	✓	✓
32 x 125	28x120	Castellated	240 mm	350 mm	290 mm	✓	-	✓
32 x 150	28x145	Smooth	370 mm	530 mm	440 mm	✓	✓	✓
32 x 150	28x145	Castellated	290 mm	410 mm	340 mm	✓	-	✓
38 x 125	34x120	Smooth	450 mm	640 mm	530 mm	✓	✓	✓
38 x 125	34x120	Castellated	380 mm	540 mm	450 mm	✓	-	✓
38 x 150	34x145	Smooth	550 mm	750 mm	640 mm	✓	✓	✓
38 x 150	34x145	Castellated	450 mm	640 mm	530 mm	✓	-	✓
50 x 125	46x120	Smooth	840 mm	960 mm	860 mm	✓	✓	✓
50 x 125	46x120	Castellated	740 mm	920 mm	820 mm	✓	-	✓
50 x 150	46x145	Smooth	950 mm	1020 mm	920 mm	✓	✓	✓
50 x 150	46x145	Castellated	890 mm	980 mm	880 mm	✓	-	✓
75 x 150	68x145	Smooth	1410 mm	1520 mm	1360 mm	✓	✓	✓
75 x 150	68x145	Castellated	1320 mm	1470 mm	1320 mm	✓	-	✓

Tolerances		Loads		Coverage		Fixings	
Width	+/- 1 mm	Assumptions	John Brash	125mm widths	8m per m ²	Stainless Steel	Grade A2 (AISI 304)
Thickness	+/- 1 mm	Live Load	5kN/m ²	150mm widths	6.7m per m ²	28mm Thickness	No. 10 5.2mm x 63mm
Length	+50/-0 mm	Point Load	1.4kN			34mm Thickness	No. 10 5.2mm x 75mm
		Max Deflection	3 mm			46mm Thickness	No. 12 5.5mm x 100mm
						68mm Thickness	No. 12 5.5mm x 125mm

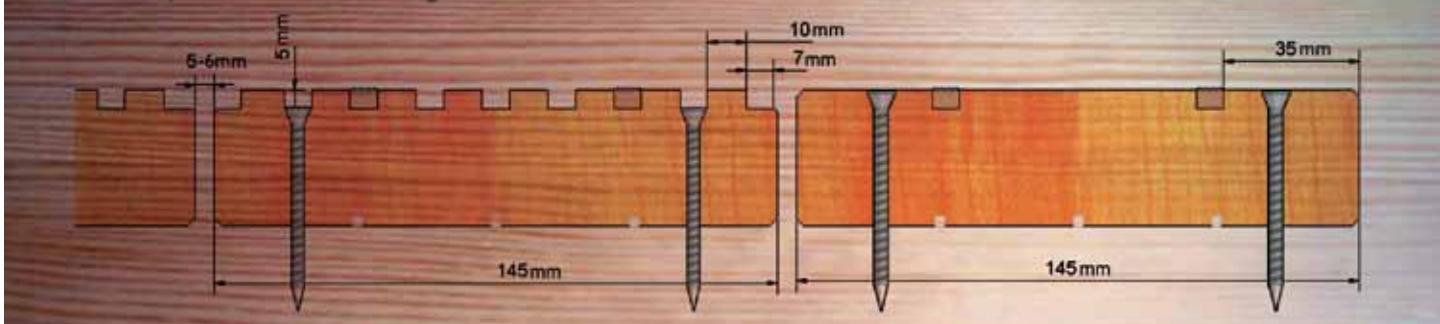
Inserts

CitiDeck 2 Natural White Flint
AntislipPlus 2 or 3 Grey Bauxite

Standard Lengths

3.0 to 5.7m - increments of 300mm.
Precision end trimming to customer specification is available
and is recommended for JB CitiDeck and JB Antislip Plus.

Technical Specification - Decking



Profiles

Smooth or Castellated decking with or without anti-slip inserts are available.

JB | Standard

Available in all sizes, both castellated and smooth profiles.

JB | CitiDeck

Available in all sizes but only in the smooth profile with two natural white flint anti-slip inserts. The flint aggregate is finer and less abrasive than the bauxite.

JB | Antislip Plus

JB Antislip Plus® is available in all sizes, both castellated and smooth profiles with two grey bauxite anti-slip inserts as standard. Also available with three inserts.

Testing

Independently tested by the Health and Safety Laboratory (HSL) using a Stanley Pendulum Test (as described in BS 7976 parts 1-3, 2002) operated to issue 3, 2005 of the United Kingdom Slip Resistance Group (UKSRG) guidelines.

Using Slider 96 Rubber, the Pendulum Test Values (PTVs) achieved significantly exceed the minimum required classification for 'low potential for slip'. The results of the HSL test are as follows:

Range	Inserts	Average PTV*	
		Wet	Dry
CitiDeck	2	61	73
Antislip Plus	2	63	78
Antislip Plus	3	69	81

* Minimum Required PTV Classification = 36

	Smooth	Castellated	Inserts
Standard	C16	✓	✓
	C24	✓	✓
CitiDeck	C16	✓	-
	C24	✓	-
Antislip Plus	C16	✓	2 or 3 x Coarse
	C24	✓	2 or 3 x Coarse

Installation

John Brash recommends following the Timber Decking Association guidelines, Timber Decking the Professionals' Manual. Full details can be obtained from www.tda.org.uk

Tolerances

Dimensions are accurate at the time of machining, but consideration must be given to the fact that all timbers are prone to slight dimensional movement as it adapts to the ambient atmospheric conditions. John Brash typically supplies timber to a tolerance of +/- 1mm. Please check with technical sales if you require timber to match a previously supplied product.

Lengths are supplied 'as falling' 3.0-5.7m; tolerances: 50mm/-0mm. A range of lengths is available from stock.

Precision end trimming is available on request, giving a length tolerance of +/- 1mm. Where the lengths are known and either JB Antislip Plus® or JB CitiDeck® is required, this service is advisable as cross cutting on site can be difficult. This also ensures the treatment envelope is intact.

Durability & Preservation

European Redwood is classified within BS EN 350-1 Class 3-4 Moderately Durable to Slightly Durable. Any sapwood is classed as not durable. For outside use European Redwood must be preservative treated.

- All John Brash timber decking is preservative treated using Osmore Naturewood to BS 8417:2011 Use Class 3 as standard*.
- Use Class 4 can be supplied to order**.
- For marina and marine applications contact our technical sales department.

* External out of ground contact, exposed to weather.
** In contact with ground or fresh water, or permanently exposed to wetting.

Sustainability

John Brash is a responsible and ethical supplier and only source fully accredited timber from responsible suppliers. We are certified to both the FSC and PEFC chain of custody schemes. PEFC: BMT-PEFC-0109
FSC: TT-COC-001967

Service Life

John Brash timber decking has a 25 year guarantee against rot and decay.

Treatment is in accordance with BS 8417 30 year extended specification for BS EN335-1 Use Class 3 (uncoated applications) or better. In this specification, sapwood penetration shall be in accordance with EN351-1, P8 rating to an acceptable quality level of 10%.

John Brash timber deck boards meet the preservative treatment specification to achieve the TDA Code of Practice, for Raised Timber Deck structures on new homes, and meet the quality and performance requirements expected by the NHBC.

Health & Safety

As with many timbers fine wood dust created during machining can be an irritant and precautions should be taken to prevent exposure, particularly to the eyes and the respiratory system. The workplace should be well ventilated with effective dust extraction in place. The use of appropriate dust masks is recommended.

Packaging & Strapping

John Brash use polyester strapping and reinforced corner supports to ensure that the strapping does not place any stresses on the actual timber and therefore the potential for damage is limited. The timber should be supported evenly on even sized bearers which are in good conditions, spaced a maximum of 1.2m apart, to prevent sagging.

Field Cuts

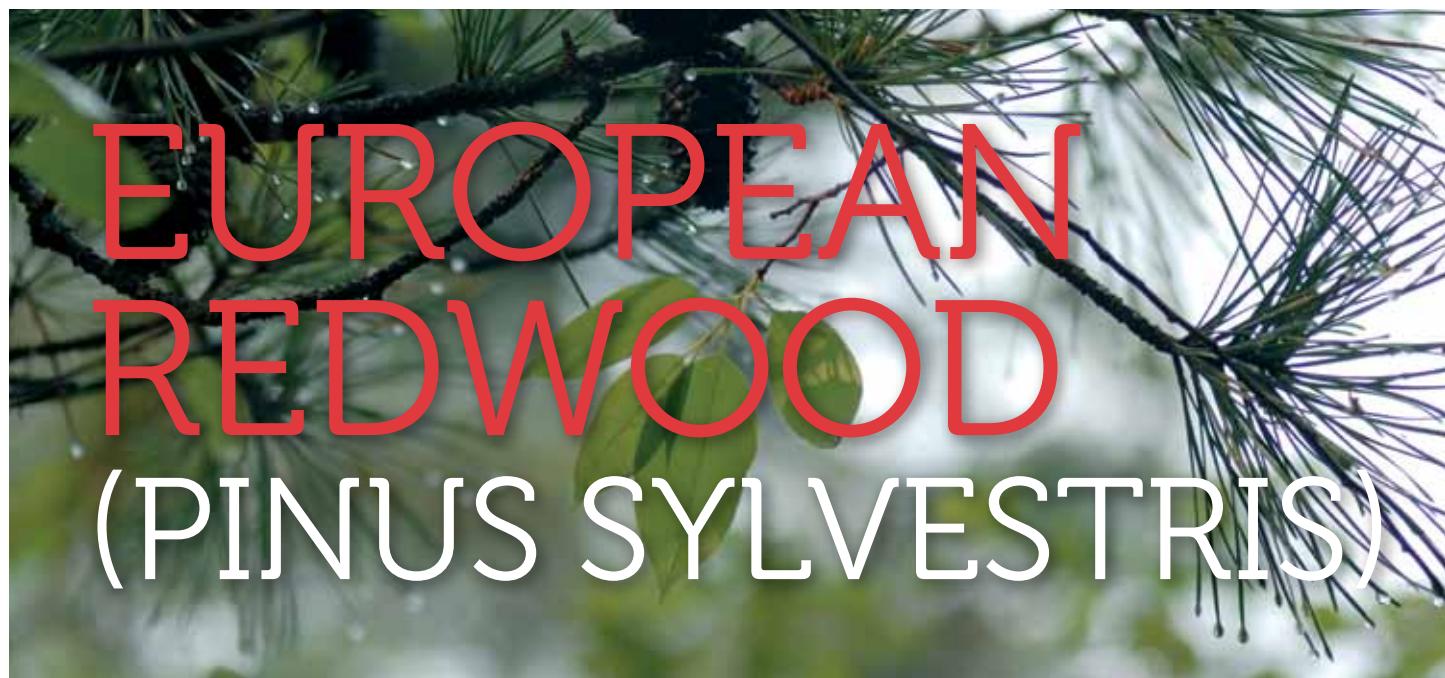
All field cuts must be painted/coated with 'Cut-Ends' Timber preservative.

Waste Disposal

John Brash timber decking should be regarded as treated softwood for on site disposal.



Technical Specification - **JB Standard** **JB CitiDeck** **JB AntislipPlus**



John Brash selects European Redwood from the forests of Sweden and Finland for all of its timber decking.

Here the timber is slowly grown with tight growth rings. Timber from Mid to Northern Sweden and Finland is used where there are smaller live knots. The European Redwood is commonly up to 30m high with a trunk diameter generally 0.6-0.9m (occasionally reaching 1.2m).

Decking Grades

European Redwood is supplied in 3 main grades - **Unsorted** (grades I-IV, top grade, usual end use joinery), **V** and **VI**. John Brash only uses Swedish or Finnish joinery **V** grade European Redwood. Mills are selected that offer the optimum combination of small live knots.

Our timber is regraded into 2 structural grades - **C16** and **C24**. For most commercial applications **C16** is ideal. **C24** tends to be used where wider spans between bearers are required.

