



PRODUCT GUIDE **Deck Subframe Timbers**



ISSUE 3 JULY 2012



External Structural Timber

- Products are available as FSC®/PEFC certified on request.



Eased 4 Edge Q-Deck® Plus Joists/Beams



SIZE AND DESCRIPTION (ALL FINISHED SIZES)		1.8m	2.4m	3.0m	3.6m	4.2m	4.8m	5.4m	6.0m	TREATMENT SPECIFICATION
45 x 97mm	Kiln Dried C 16 Joist		✓	✓	✓	✓	✓		✓	UC3
45 x 120mm	Kiln Dried C 16 Joist				✓		✓			UC3
45 x 145mm	Kiln Dried C 16 Joist			✓	✓	✓	✓		✓	UC3
45 x 170mm	Kiln Dried C 16 Joist			✓	✓	✓	✓		✓	UC3
45 x 195mm	Kiln Dried C 16 Joist			✓	✓	✓	✓		✓	UC3
45 x 220mm	Kiln Dried C 16 Joist			✓	✓	✓	✓		✓	UC3
72 x 97mm	Kiln Dried C 16 Joist						✓			UC3
72 x 220mm	Kiln Dried C 16 Joist						✓			UC3

UC3 = Treated to Use Class 3

UC4 = Treated to Use Class 4

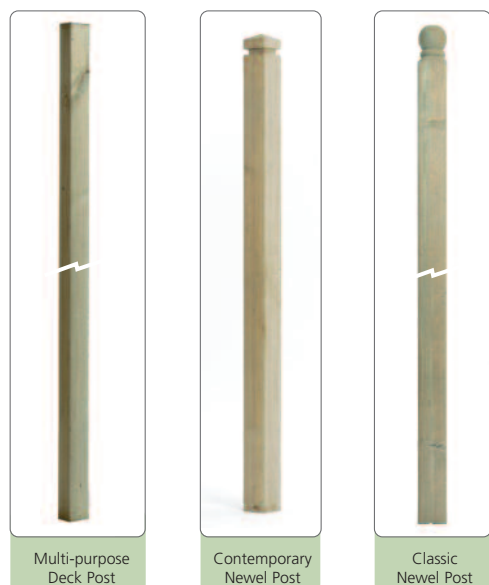
Use Class 4 Timber Suitable for Subframe Joists/Beams



SIZE AND DESCRIPTION (ALL FINISHED SIZES)	TREATMENT SPECIFICATION	LENGTH
44 x 144mm Multi-purpose (C16 Graded)	UC4	4.8m
44 x 95mm Multi-purpose (C16 Graded)	UC4	4.8m

UC4 = Treated to Use Class 4

Use Class 4 Timber Suitable for Subframe Posts



SIZE AND DESCRIPTION (ALL NOMINAL SIZES)	TREATMENT SPECIFICATION	LENGTH
85 x 85mm Multi-purpose deck post (available strength graded)	UC4	1.8m, 2.4m, 3.0m
85 x 85mm Contemporary newel post	UC4	1.5 m
85 x 85mm Contemporary newel post	UC4	3.0m
85 x 85mm Classic long post (including ball cap)	UC4	3.0 m

UC4 = Treated to Use Class 4

Use Class 3 Timber Suitable for Subframe Posts Supported Above Ground*



SIZE AND DESCRIPTION (ALL FINISHED SIZES)	TREATMENT SPECIFICATION	LENGTH
85 x 85mm Colonial newel post (including integral ball cap)	UC3	1.5m
85 x 85mm Classic newel post (including integral ball cap)	UC3	1.5m
117 x 117mm Grand Stop Chamfered Newel	UC3	1.5m
117 x 117mm Grand Multi-purpose Post	UC3	3.0m

UC3 = Treated to Use Class 3

* Posts can be supported above a footing in a 'stand-off' support plate, i.e. Simpson Strong Tie PPA100 or PPRB/Post Support Anchor
OSC: CMPS-16-1

Appendix 1

Technical Information



TREATMENT RELATED TOLERANCES FOR OUTDOOR WOOD PRODUCTS

When **Q-Deck® Plus** products are pressure pre-treated with **TANALITH® E** they swell beyond the finished size. This can be as much as 4% of the original size and depends on the moisture content before treatment and the direction of the grain. Therefore, products can end up slightly different sizes after treatment.

As these products dry back to their moisture content before treatment, they will shrink back to their original machined finished size. During long periods of dry summer weather the moisture content of the decking products can drop below their original moisture content before treatment. In this situation they can shrink up to as much as 2.5% of their original machined size and it is normal and acceptable to get a degree of surface checking.

In autumn/winter when the weather gets 'wetter' the moisture content of these products can rise back to similar levels before treatment and as a result the affects of surface checking often disappear as they close.

USE CLASSES

Timber used in an outside application, generally needs to be pressure pre-treated to meet pre-determined Use Classes (UC).

Use Class 3 (UC3)

External building, fencing and landscaping timbers used out of ground contact.

Use Class 4 (UC4)

External building, fencing and landscaping timbers used in ground contact.

We have treated all our outdoor wood products to a specific Use Class to match its likely end use application.

Q-DECK® /Q-GRIP® TIMBER DECKING & Q-GARDEN® TIMBER COMPONENTS 15 YEAR WARRANTY

Hoppings Softwood Products Plc hereby certify that when fixed appropriately in accordance with the relevant design guidance **Q-Deck®/Q-Grip®** timber decking products and **Q-Garden®** timber products shall be deemed under warranty for 15 years from the date of supply.

CONDITIONS OF WARRANTY

The component shall have been supplied by Hoppings or by an authorised **Q-Deck®/Q-Grip®/Q-Garden®** retailer.

Proof of date and purchase of the timber and **Ensele®** end grain preservative or **Ronseal®** end grain preservative or **Hickson®** Decor End Grain Preservative must be produced to this effect.

Only **Q-Deck®** sub-frame timbers are deemed suitably fit for use with **Q-Deck®/Q-Grip®/Q-Garden®** components. This warranty explicitly excludes the use of non **Q-Deck®** sub-frame components as Hoppings cannot control the specification or quality of such products and these components could expose correctly preservative treated timber to a greater degree of risk of fungal decay/insect attack.

Timber should always be treated in its final form. However, any timber exposed by cross-cutting, notching or boring after treatment must be liberally swabbed with two coats of Arch **Ensele®** brush-on end grain preservative or **Ronseal®** end grain preservative or **Hickson®** Decor End Grain Preservative, in accordance with the Arch Code of Practice for **Tanalith® E** pressure treated timber or the manufacturers instructions. Where possible cross-cut ends must not then be placed in the hazard zone of the design (ie. in ground contact).



The component shall have been fixed and maintained in accordance with appropriate guidance in force at the time eg. the Timber Decking Manual published by the Timber Research and Development Association and the current **Q-Deck®/Q-Grip®/Q-Garden®** point of sale leaflet and website.

EXCLUSIONS OF WARRANTY

- **Q-Deck®/Q-Grip®/Q-Garden®** products placed in fresh or salt water contact.
- **Q-Deck®/Q-Grip®/Q-Garden®** products supplied for installation outside UK mainland.
- **Q-Deck®/Q-Grip®/Q-Garden®** products removed from their original installation and re-used at a new location.
- Degrade caused by poor maintenance, such as allowing the accumulation of dirt and other organic matter to occur, or by a material change in the installation environment i.e. where a Use Class 3 component is 'in effect' being unnecessarily subjected to Use Class 4 conditions.
- Failure due to **Q-Deck®/Q-Grip®/Q-Garden®** components being used for any purpose for which they were not designed.
- The adhesion of **Q-Grip® Strip** to associated **Q-Deck®** and/or non **Q-Deck®** decking boards.

TRANSFERABILITY OF WARRANTY

The **Q-Deck®/Q-Grip®/Q-Garden®** 15 year warranty is fully transferable to new owners of the installed deck without notification.

UNDERTAKING

The warranty is for the cost of re-supply, by Hoppings, of a component that is proven to have failed as a result of fungal decay or insect attack, **FREE OF CHARGE**. It does not cover the costs of removal or reinstatement of such components or consequential costs or loss due to failure of the component. The term 'fungal decay' as used in the warranty refers to wood destroying fungi that feed on and degenerate the wood cell walls. It excludes staining and mould fungi associated with the weathering of wood. The term 'failed' refers to damage caused by fungi to such an extent that the component is **no longer fit for purpose**.

STATUTORY RIGHTS

This warranty is in addition to the purchaser's normal statutory rights.

The warranties are wholesaler/manufacturer to consumer/buyer warranties. However the initial raising of a complaint should be directed to the authorised retailer from where the goods were purchased. The complaint should be made in writing/e-mail and must include proof of purchase ie. a copy or scan of the original invoice.