



PRODUCT GUIDE **Deckboards**



ISSUE 8 MAY 2013

**MERCHANTS
GUIDE**



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Q-Deck® is the over arching brand for all our quality decking products. Conceived in 1999 it still represents our preservative pre-treated softwood range of decking products, manufactured from sustainable and certified softwood.



Why Choose Q-Deck®?

- Quality selected redwood raw material
- A wide range of products that suit tradesmen and the DIY enthusiast
- 15 year performance warranty on all products
- Product range available as FSC®/PEFC certified on request.
- Tanalith® E Extra treated with built-in water repellent
- 6 deckboard profiles in up to 5.4m lengths
- Well known, established brand
- TDA DeckMark® and DeckMark® Plus performance rated products
- Dedicated free phone sales response line - 0800 849 6339
- Informative website - www.qualitydecking.co.uk
www.anti-slip-decking.co.uk

Product Grading

Premium Decking

In principle, free of all hit and miss. Knots will be sound and appropriate to the cross-section. Typically sizes will be taken from material selected for sound knots, minimal shake and minimal distortion. This material is produced from a good fifth redwood or equivalent and can be re-cut from a thicker size. Smaller sizes will be taken from unsorted redwood which we re-saw from a thicker size. Where indicated, saw-falling whitewood may be used.



Naturally durable high quality hardwood decking.



High quality timber deckboards with enhanced grip using injection applied, resin bonded, slip resistant aggregate strips.

These deckboards are ideal for slip sensitive areas on domestic decks such as steps and on commercial decks such as pubs, hotels, schools and outdoor smoking areas and public places.



Like **Q-Grip®** deckboards **Q-Grip® Strip** uses an injection applied, resin bonded, slip resistant aggregate but within a tiny moulding/strip that can be retro-fitted to specific **Q-Deck®** deckboards or to existing decking.



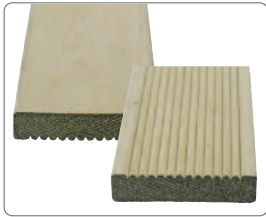
Thermowood is timber that has undergone a special heat treatment process to make it more durable without the need to use chemicals.

Q-Deck® Lunawood Hidden Fix Profile Decking is a premium grade thermowood Scandinavian softwood decking.

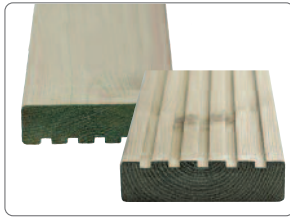


A hollow core composite decking system, **Q-Deck®** Twinson® is made from wood and PVC giving you the advantage of technology whilst still maintaining some natural material and feel. Within the **Q-Deck®** stock range, **Q-Deck®** Twinson® is available in Apricot Brown. Other colours are available to order.

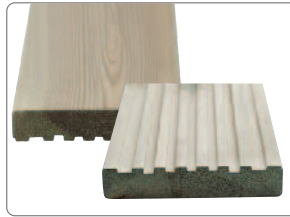
Q-Deck® Deckboards



Cambridge Deckboard



York Deckboard



Canterbury Deckboard

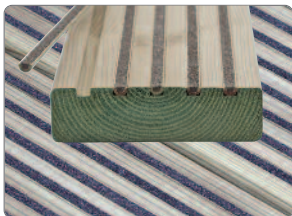


Winchester Deckboard

SIZE AND DESCRIPTION (ALL NOMINAL SIZES)	TREATMENT SPECIFICATION	LENGTH	PIECES PER PACK	PIECES PER BULK PACK
25 x 100mm Cambridge	UC3	3.0-5.4m PTL	300	600
38 x 125mm York Accepts up to 5 Q-Grip® Strips	UC3	3.0-5.4m PTL	135	270
32 x 150mm Canterbury Accepts 2 Q-Grip® Strips	UC3	3.0-5.4m PTL	144	288
32 x 150mm Winchester	UC3	3.0-5.4m PTL	144	288
32 x 100mm Multi-purpose board	UC3	3.0-3.9m PTL	-	-
38 x 125mm Multi-purpose board	UC3	3.0-5.4m PTL	135	270
50 x 100mm Multi-purpose board	UC4	4.8m PTL	-	200
50 x 150mm Multi-purpose board	UC4	4.8m PCT	-	200

UC3 = Treated to Use Class 3 UC4 = Treated to Use Class 4

Suitable for retro-fitting new Q-Grip® Strip™



Q-Deck® York Deckboard



Q-Deck® Canterbury Deckboard



Q-Grip® Strip

Q-Deck® Lyptus Hardwood Deckboards

Q-DECK® LYPTUS reversible hardwood decking - 20 x 90mm (finished size after machining).

Q-Deck® Lyptus hardwood decking is made from cultivated eucalyptus hardwood trees, harvested in less than twenty years, offering unrivalled sustainability.

- Cherry wood appearance
- A mix of light and dark shades and appealing variable grain.
- Darker coloured boards darken further to rich walnut shades when oiled or wet.
- Durable
- Strong
- Tough
- Kiln dried
- Sustainable PEFC certified hardwood
- Q-Deck warranty does not apply



Q-Deck® Lyptus reversible hardwood deck board - smooth side.



Q-Deck® Lyptus reversible hardwood deck board - reeded/ribbed side.

SIZE	DESCRIPTION (ALL FINISHED SIZES)	LENGTHS	PIECES PER PACK
20 x 90mm	Q-Deck® Lyptus reversible hardwood deck board	2.1 - 4.5m PTL	264

Please note Q-Deck Lyptus:

- Like all hardwood decking Q-Deck Lyptus weathers to grey after exposure to U.V light
- Like many hardwoods Lyptus is highly susceptible to staining in contact with iron and water due to the high levels of tannin present. Only use stainless steel fixings. Use Q-Deck-Tite Plus Stainless Steel Decking Screws. The black staining that can occur is easily removed using Net trol by Owatrol
- Over time the tannin can be washed out of this timber. Please note that the fabric of a building or associated landscaping products could become stained by mobile tannin. This washing effect is more likely to occur during prolonged heavy rain and be most concentrated in the period just after fitting your Q-Deck Lyptus deck. To minimise tannin bleed, new hardwood decking can be coated with Owatrol's Stoptan product.

Design and Construction advice

When fitting:

- Allow 8mm gaps between adjacent boards. Being a kiln dried hardwood means you have to allow for some expansion of the boards in wetter times of the year.
- It is important to pre-drill pilot holes and countersink before fitting screws to reduce the chance of splitting the timber,

especially near the ends of boards.

- Use two 50mm (minimum) stainless steel screws per board at every joist junction (joist centres ideally 400mm maximum).

Maintaining Lyptus

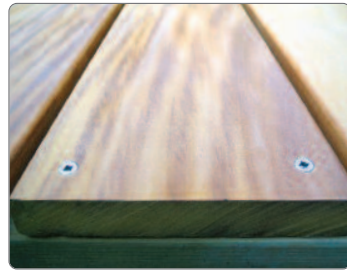
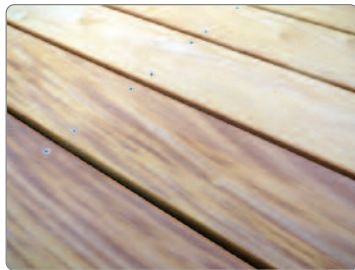
- Ideally leave 6-8 weeks after fitting it then clean with Net Trol and allow to dry before applying Deks Olje D1. If some colour protection is required, then use pigment Textrol oil, instead of Deks Olje D1. For higher levels of U.V. protection, instead of Textrol, use Aquadecks or for premium U.V. protection use Protect from Owatrol's professional range. Aquadecks and Protect are water based, saturating, and non-film forming matt finishes.
- If colour protection is required immediately after fitting Q-Deck Lyptus then apply Aquanett first (or diluted Prep-deck), then neutralise with Net Trol before finishing with one of the three Owatrol protective coating systems mentioned above.
- Thereafter, regular cleaning with Net Trol every 6-12months is advisable
- Re-apply the protective coating after cleaning as and when required but for best results repeat every 12 months.
- Danish oil should not be used to protect Lyptus

Q-Deck® Garapa Hardwood Deckboards

Q-DECK® Garapa Reversible Hardwood Decking - 21mm x 145mm (finished size after machining)

Also known as Brazilian Ash or a poor man's Ipe.

- Sustainably sourced, 100% FSC Certified hardwood
- Reversible, smooth all round profile allows you to choose the best face
- Kiln Dried, so minimal shrinkage
- Durable
- Very Strong, Very hard, Very Tough
- Golden yellow appearance with a mix of appealing variable grain that darkens to light brown after exposure to U.V. light
- Q-Deck warranty does not apply



SIZE	DESCRIPTION (ALL FINISHED SIZES)	LENGTHS	PIECES PER PACK
21 x 145mm	Q-Deck® smooth reversible Garapa hardwood deck board	2.15 - 6.1m PTL	140/210

Please note Q-Deck Garapa:

- Is not as straight as Q-Deck softwood equivalents, however any distortion is normally easily corrected when fitting it by applying pressure to bring boards back into line
- Like all hardwood decking Q-Deck Garapa weathers to grey after exposure to U.V light
- Like many hardwoods Garapa is highly susceptible to staining in contact with iron due to the high levels of tannin present. Only use stainless steel fixings. Use Q-Deck-Tite Plus Stainless Steel Decking Screws. The black staining that can occur is easily removed using Net trol by Owatrol
- Over time the tannin can be washed out of this timber. Please note that the fabric of a building or associated landscaping products could become stained by mobile tannin. This washing effect is more likely to occur during prolonged heavy rain and be most concentrated in the period just after fitting your Q-Deck Garapa deck. To minimise tannin bleed, new hardwood decking can be coated with Owatrol's Stoptan product.
- Like many tropical hardwoods Garapa is susceptible to the random occurrence of small pin sized holes that look like work worm attack. These hole are caused by a beetle known as the pin hole borer and are to be expected and absolutely do not affect the performance of the decking in any way

Design and Construction advice

When fitting:

- Allow 8mm gaps between boards. Being a kiln dried hardwood means you have to allow for some expansion of the boards in wetter times of the year
- It is important to pre-drill pilot holes and countersink before fitting screws to reduce the chance of splitting the timber, especially near the ends of boards
- Use two 50mm (minimum) stainless steel screws per board at every joist junction (joist centres ideally 500mm maximum).

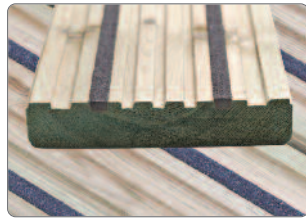
Maintaining Garapa:

- Like Q-Deck Lyptus, ideally leave 6-8 weeks after fitting it then clean with Net Trol and allow to dry before applying Deks Olje D1. If some colour protection is required, then use pigment Textrol oil, instead of Deks Olje D1. For higher levels of U.V. protection, instead of Textrol, use Aquadecks or for premium U.V. protection use Protect from Owatrol's professional range. Aquadecks and Protect are water based, saturating, and non-film forming matt finishes.
- If colour protection is required immediately after fitting Q-Deck Garapa then apply Aquanett first (or diluted Prep-deck), then neutralise with Net Trol before finishing with one of the three Owatrol protective coating systems mentioned above.
- Thereafter, regular cleaning with Net Trol every 6-12months is advisable
- Re-apply the protective coating after cleaning as and when required but for best results repeat every 12 months.

Q-Grip® Deckboards



Q-Grip® Slip Resistant York



Q-Grip® Slip Resistant Canterbury



Q-Grip® Strip

SIZE AND DESCRIPTION (NOMINAL SIZES)	TREATMENT SPECIFICATION	LENGTH	PIECES PER PACK	PIECES PER BULK PACK
38 x 125mm Q-Grip® York	UC3	3.0-5.4m (on application) PTL	45	-
32 x 150mm Q-Grip® Canterbury	UC3	3.0-5.4m (on application) PTL	48	-
5 x 8mm Q-Grip® Strip	UC3	1195mm	50 (per bundle)	

Q-Grip® Strips also available in merchandising tubes - 130 strips per tube.

UC3 = Treated to Use Class 3

Bespoke Q-Grip® Deckboards



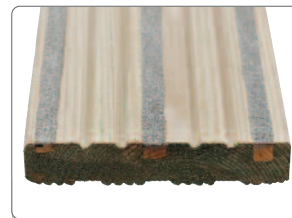
Bespoke Q-Grip® Lyptus



Bespoke Q-Grip® Garapa



Bespoke Q-Grip® Heavy Duty



Bespoke Q-Grip® Winchester

SIZE	DESCRIPTION (ALL FINISHED SIZES)
20 x 90mm	Bespoke Q-Grip® Lyptus hardwood deck board (minimum order quantity 200m)
21 x 145mm	Bespoke Q-Grip® Garapa hardwood deck board (minimum order quantity 100m)
44 x 144mm	Bespoke Q-Grip® Heavy Duty Style deck board (featuring hidden fix clip system)
27 x 144mm	Bespoke Q-Grip® Winchester Style deck board

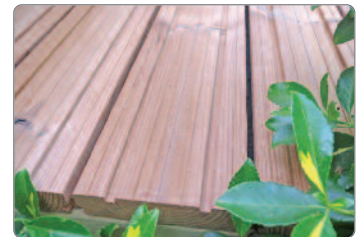
For sizeable deck projects we can design and produce bespoke **Q-Grip®** slip resistant decking products. Bespoke **Q-Grip®** deckboards allow designers to choose the number, position and colour of **Q-Grip®** strips for a particular end use. Price on application.

Q-Deck® Lunawood Decking (Thermowood)

Thermowood is timber that has undergone a special heat treatment process to make it more durable without the need to use chemicals.

Q-Deck® Lunawood Hidden Fix Profile Decking is a premium grade thermowood Scandinavian softwood decking with many innovative features:

- 20 year warranty against fungal decay and 30 year expected service life, as endorsed by the Building Research Establishment
- Quick and easy concealed decking clip system gives a 'hidden fix' or fixing free finish/look
- Initial dark colouration makes it look similar to tropical hardwood decking but at a lower price
- Accepts 2 Q-Grip® slip resistant strips – add grip where you need it
- Sustainably sourced, PEFC certified timber
- The most stable decking board of the Q-Deck® range
- Cedar like performance characteristics



SIZE (FINISHED SIZE AFTER MACHINING)

DESCRIPTION

LENGTHS

26 x 117mm

Q-Deck® Lunawood Hidden Fix Thermowood Decking

4.2/4.5m

Please note Q-Deck Lunawood:

- Starts dark brown in colour but weathers to grey over a relatively short space of time. Not a requirement of the warranty but highly recommended, is the use of a protective coating before or immediately after fitting – use Aquadecks or Protect by Owatrol to protect against the greying effects of U.V. light whilst preserving the appearance of the wood.
- Has a more knotty appearance compared to the Q-Deck preservative pre-treated softwood decking because of how the boards are cut from the original log.
- Is subjected to high temperatures to provide its durability and as a result knots can loosen and sometimes crack. Minor missing surface or lightly cracked knots are permissible on the top/decorative face of boards and may need lightly sanding to remove any sharp edges before using the deck. Missing surface or badly cracked knots are permissible in any number on the reverse of boards.
- Has a distinctive smokey smell which goes with time or as soon as a coating is applied

Design and Construction advice - see over

- A condition of the 20 year Q-Deck Lunawood Warranty is the use of use class 4 Q-Deck sub-frame components only - see warranty details in full on page 12.
- For domestic applications fit Q-Deck Lunawood decking to maximum joist centres of 500mm. In principle reduce to 300mm

for commercial deck applications but please consult Q-Deck directly on 0800 849 6339 for further advice on a project by project basis.

- Q-Deck Lunawood is not suitable for use where it may be saturated with water or in ground contact.
- Thermowood cuts and works well with traditional work working tools but is more brittle than normal timber meaning fixings shouldn't be secured without first pre-drilling pilot holes especially near the end grain of boards (this does not apply when using Q-Deck Lunawood concealed decking Clips)
- Thermowood becomes slightly more acidic in nature, and thus it is advisable to only use stainless steel fixings when building with it.
- If screws are used instead of Q-Deck Lunawood concealed decking Clips to fit boards the minimum gap that should be left between adjacent boards is 6.0mm. Two stainless steel decking screws (Such as Q-Deck-Tite Plus stainless steel decking screws) should be placed within the grooves provided at every joist junction.

Recommended Accessories

Q-Deck Lunawood concealed fixing clips and stainless steel screws. 100 per box. On 500mm joist centres 17 clips are required to fit one square metre of 26 x 117mm Q-Deck Lunawood hidden fix decking boards.



Twinson® All components available to order.

50% WOOD 50% PVC

The Twinson® range comes in 8 unique colours. The deckboards are reversible being reeded on one side and grooved on the other.



Apricot Brown 9555-506



Olive Green 9555-507



Bark Brown 9555-504



Hazelnut Brown 9555-503



Liquorice Black 9555-502



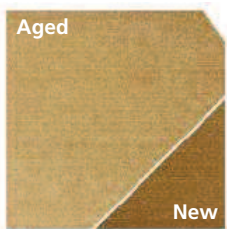
Walnut 9555-522



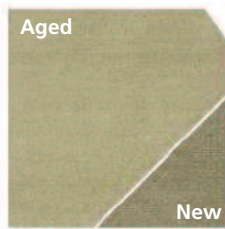
Turf Brown 9555-505



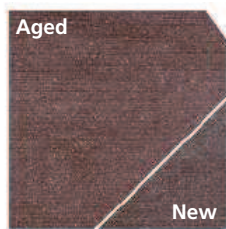
Riverstone Grey 9555-509



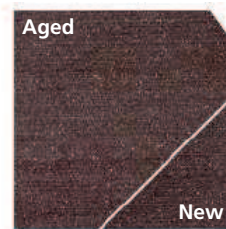
506 Apricot Brown



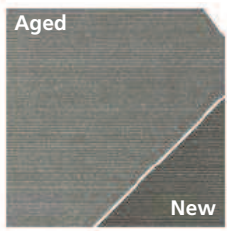
507 Olive Green



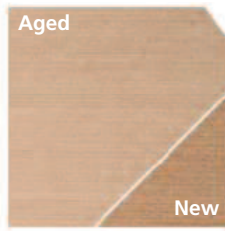
503 Hazelnut Brown



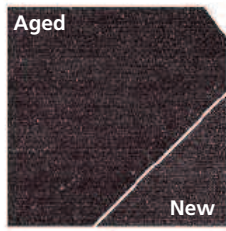
504 Bark Brown



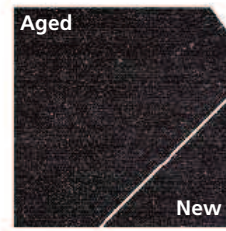
509 Riverstone Grey



522 Walnut



505 Turf Brown



502 Liquorice Black

Please note: Colour samples are reproductions only and can deviate from the actual products, new or aged in situation. If uncertain please request a sample as we cannot be held responsible for incorrect colour choice/specification.

Twinson® Composite Deckboard 9555

SIZE (FINISHED SIZE)

28 x 140mm

LENGTH

4.5/6.0m

CODE

9555-

Twinson® All components available to order.

50% WOOD 50% PVC



Please confirm Q-Deck® Twinson full product code when ordering. If uncertain please request a sample as we cannot be held responsible for incorrect colour choice/specification.

As a result of the heavy brushing process during manufacture one end of the board is always rubbed away slightly not giving a clean square edge in the thickness. To overcome this Twinson® is supplied 15mm oversize in the length to allow for end-trimming on-site (See image opposite).



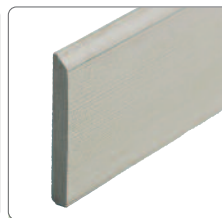
Ground Batten



Starter Rail



Sprung Finishing Clip



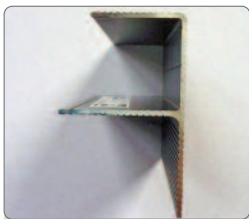
Plinth



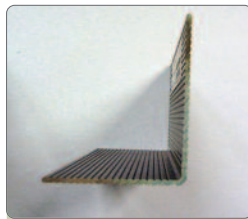
Dome Headed Screws



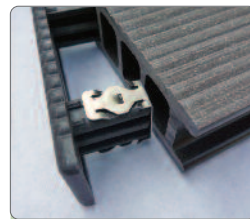
Fixing Clip



Aluminium 'F' Section



Aluminium 'C' section



End Cap

SIZE AND DESCRIPTION (ALL FINISHED SIZES)	LENGTH	CODE	PIECES PER PACK
35 x 48mm Twinson Ground Batten	6.0m	9552	
Twinson Aluminium Starter Rail	3.0m	2761	
Twinson Sprung Finishing Clips (10 of)	-	9481	10
10 x 78mm Twinson Plinth	6.0m	9590	
Twinson 35mm Dome Headed s/s Screws (100 of)	-	2753	100
Twinson Fixing Clip & Screws (100 clips and 120 screws per box)	-	9483	100
Twinson Fixing Clip & Screws (600 clips and 720 screws per box)	-	9484	600
Twinson Aluminium 'F' Section *(3 finishes, see below)	6.0m	9543	
Twinson Aluminium 'C' Section *(3 finishes, see below)	4.5m	9518	
Twinson Deckboard End Cap & Clip (10 of)	-	9482	10
* Black anodised		9543-12	
Silver anodised		9543-65	
Brown anodised		9543-66	

Appendix 1

Technical Information for Q-Deck®/Q-Grip®

TREATMENT RELATED TOLERANCES FOR OUTDOOR WOOD PRODUCTS

When Q-Deck® and Q-Grip® 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.

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

PERFORMANCE/STANDARDS SPECIFICATION

Q-GRIP® deckboards are tested to BS 7976-2:2002, to provide a 'low potential for slip' in wet conditions, as advised by the UK Slip Resistant Group classifications.

Testing (skid resistance)

Wet slip-resistance test results for TRP (type 55):

Q-Grip® York, 75 pendulum test value;

Q-Grip® Canterbury, 85 pendulum test value.



They are also DeckMark® Plus accredited. DeckMark® Plus is a new initiative from the Timber Decking Association to meet requests from architects and commercial designers for formal performance guidance for the slip resistance rating of deckboard surfaces or the load bearing capabilities of structures like parapets.

DeckMark® Plus is an extension of the TDA's DeckMark® quality assurance scheme. Introduced in 2000, DeckMark® was designed to give reassurance to specifiers and consumers that timber deck components have been manufactured to established quality standards. DeckMark® Plus builds on this widely adopted scheme to combine a quality accredited product with a formal performance rating. For example DeckMark® Plus now enables architects and designers to specify boards that have been independently slip tested in line with BS7976 and provide a 'low slip potential' in both wet and dry conditions.

Appendix 2

Warranty Information for Q-Deck®/Q-Grip®

Q-DECK® AND Q-GRIP® 15 YEAR WARRANTY

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

Please note: Q-Deck® Lyptus and Garapa hardwood decking is not covered by this warranty.

CONDITIONS OF WARRANTY

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

Proof of date and purchase of the timber and **Ensele®** end grain preservative or **Ronseal®** end grain preserver 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®** 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 preserver 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®** point of sale leaflet and website.

EXCLUSIONS OF WARRANTY

- **Q-Deck®/Q-Grip®** products placed in fresh or salt water contact.
- **Q-Deck®/Q-Grip®** products supplied for installation outside UK mainland.
- **Q-Deck®/Q-Grip®** 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®** 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®** 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.

Appendix 3

Warranty Information for Q-Deck® Lunawood Decking

Q-DECK® LUNAWOOD WARRANTY

Hoppings Softwood Products Plc hereby certify that when fixed appropriately in accordance with the relevant design guidance Q-Deck® Lunawood shall be deemed under warranty for 20 years from the date of supply.

CONDITIONS OF WARRANTY

The component shall have been supplied by Hoppings or by an authorised Q-Deck® retailer. Proof of date and purchase of the must be produced to this effect.

Only Q-Deck® Use Class 4 sub-frame timbers are deemed suitably fit for use with Q-Deck® Lunawood components. This warranty explicitly excludes the use of USE Class 3 Q-Deck® sub-frame components and non Q-Deck® sub-frame components as Hoppings cannot control the specification or quality of such products and these components could expose Q-Deck® Lunawood components to a greater degree of risk of fungal decay/insect attack.

Note: Q-Deck® Use Class 4 sub-frame components 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 Ensele® brush-on end grain preservative or Ronseal® end grain preserver or Hickson® Decor End Grain Preservative, in accordance with the Lonza Wood Protection Code of Practice for Tanalith® E pressure treated timber or the manufacturers instructions. Lack of use could again expose Q-Deck® Lunawood components to a greater degree of risk of fungal decay/insect attack.

Proof of date of purchase of Q-Deck® Use Class 4 sub-frame timbers and where applicable, of Ensele® brush-on end grain preservative or Ronseal® end grain preserver or Hickson® Decor End Grain Preservative must be produced to this effect.

The Q-Deck® Lunawood 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® point of sale leaflet and guidance on the website www.qualitydecking.co.uk.

EXCLUSIONS OF WARRANTY

- Q-Deck® Lunawood products placed in fresh or salt water contact.
- Q-Deck® Lunawood products supplied for installation outside UK mainland.
- Q-Deck® Lunawood 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 Q-Deck® Lunawood component is 'in effect' being un-necessarily subjected to in ground contact conditions, such as those created by water or soil entrapment under planters or similar objects or conditions.
- Failure due to Q-Deck® Lunawood components being used for any purpose for which they were not designed.
- The adhesion of Q-Grip® strip to associated Q-Deck® Lunawood decking.

TRANSFERABILITY OF WARRANTY

The Q-Deck® Lunawood 20 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 Q-Deck® Lunawood and the weathering of Q-Deck® Lunawood due to exposure to ultra violet light.

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.

Appendix 4

Technical Information for Twinson®

Density	1400Kg/m³	
Weight	2.5Kg/m	
Impact resistance	13 Kj/m²	(ISO 6603-2)
Brinell hardness 3000N	120 N/mm²	(EN1534)
Flexural E-Modulus	5000-7000 N/mm²	(EN310)
Bending Strength	38 N/mm²	(EN310)
Water absorption 24hrs	0.2-0.6%	(EN317)
Linear expansion	0.021 mm/m °C	(ISO 11359-2)
Durability class	1	(EN350)
Vicat softening point	85-95 °C	(EN ISO 306/B50)
'Wet' slip resistance tested	*59 USRV	(EN 1339 annex 1)

*Where a value of above 45 rates a product as having a 'low' potential for slip in wet conditions. Value of 35-44 'moderate', 25-34 'high' and 0-24 'very high' potential for slip.

Appendix 5

Warranty Information for

Q-Deck® Twinson®

Q-DECK® TWINSON® COMPOSITE DECKBOARDS 25 YEAR WARRANTY

For a period of twenty-five (25) years from the date of original purchase, Twinson® products shall not split, splinter or suffer structural damage as a sole and direct consequence of termites, insects or soft rotting micro-fungi.

LIMITATIONS

For a period of ten (10) years from the date of original purchase, Twinson® products shall not break. However this warranty explicitly excludes occurrences where the break occurs or may have occurred as a consequence of impact loads or poor design/construction methods. This warranty applies to the use of products in normal residential use.

Contact Hoppings Softwood Products on 01992 578877 if you require a warranty for a deck that is to be created in a commercial type situation.

WHAT'S NOT COVERED

This warranty does not provide protection against misuse, abuse, neglect or improper storage or handling. Hoppings cannot be held responsible for product failure due to improper installation or failure to abide by Hoppings fitting instructions. It also excludes the discolouration/staining of the products due to:

- Air borne pollutants, such as mould, algae, leaf litter and any deposits from plants and trees.
- Any other foreign substances that are not listed in the current downloadable 'Composite decking' PDF document on www.qualitydecking.co.uk

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.