Stamco Hoppings
QUALITY TIMBER PRODUCTS

PRODUCT GUIDE: SmartFrame Decking Subframe Timber

Tanatone™
PRESSURE TREATED TIMBER
WITH BUILT-IN COLOUR

Freephone Helpline 0800 8496339

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SMART FRAME
25 YR DESIRED SERVICE LIFE

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NEW – SmartFRAME

SmartFrame timber is designed for use to support SmartBoard and other premium value decking products including solid hardwood, in above ground applications where a 25-year service life is generally desirable.

SmartFrame is a multi-application, high performance, Tanatone preservative pre-treated Scandinavian redwood construction timber. It is C24 strength class rated as standard and comes with a 10 year UC4 in ground and 15 year UC3 above ground residential warranty against fungal decay.

Main facts:

- Kiln dried solid European Redwood
- C24 Strength Class
- Brown Tanatone Treatment
- Finish - PSE-E4E
- Size - 45 x 95 & 45 x 145mm
- Lengths 4.8m
- Pack size, in principle: 66 pieces per pack 45 X 95
  42 pieces per pack 45 X 145
- 25 year Desired service life above ground
- Use Class 4 Warranty against fungal decay

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Processing SmartFRAME treated components

Cross cutting, notching or boring of SmartFrame requires the application of an end grain preservative, as listed in our Warranty advise .

Rip cutting

The SmartBoard warranty is invalidated if SmartFrame is ripped down its length.

Specific in ground use advice

When designing with SmartFrame plans should consider whether it will be used in its entire originally treated form (as a component) or as part of a component (an element) as a result of any post treatment processing or cutting.

The crosscut end of an element must not be buried in the ground. It is best practice to bury the original and intact component treated end of an element in the ground.

The optimum conditions for fungal decay to occur in timber used in contact with the ground, is the presence of moisture and air combined (the hazard zone) .

The following end use application and two scenarios tend to provide such optimum conditions:

1. Earth and or aggregate retaining structures .

In this application, SmartFrame products must be used in their original treated form (As a component

treated in its original form, not cut, notched of bored).

2. The use of a proprietary metal/concrete/plastic support that allows the ground or buildup of organic matter to meet the timber, such as a fence post shoe or similar.

3. A support 'leg' bearing on the ground or a surface, that allows the ground or build up of organic matter to meet the timber, such as a post within a deck support frame or similar.

In scenarios 2 & 3 above, a notched, bored or cross cut end of a SmartFrame element, even if treated with a suitable end grain preservative must not be placed in the hazard zone of the construction/application. Only original component treated areas/ends of a SmartFrame element can be placed in the hazard zone of the construction/application and is a condition of the warranty.

PLEASE NOTE: Stamco Hoppings will consider enquiries for bespoke SmartFrame components of a specific length(s). Price on application.

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FEATURES

- Durable sapwood and heartwood envelope.
  For external use where a 25 year service life is desirable, above ground.
- Strength Graded (identified on end grain only)
- 4.8m lengths as standard
- Light relative to steel or most durable hardwoods
- Build with using standard wood working tools
- Build with standard exterior quality wood fixings

BENEFITS

- Improved resistance to decay
- C24 capability as standard with known clear span advice when used to build a deck sub-frame
- Easy to handle and work with
- Easy to connect

WARRANTY & USES

10-year warranty against fungal decay in ground contact

- Ideal for use as deck support, fence and pergola posts and similar garden structures

15-year warranty against fungal decay above ground

- Ideal for use structurally, to support premium quality decking or to support timber frame wall construction as a sole or binder plate

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CONDITIONS OF WARRANTY

The products shall have been supplied by Hoppings or an authorised SmartFrame retailer.

Proof of date and purchase of SmartFrame timber products and where applicable, a suitable end grain preservative as listed below must be produced to this effect.

Rustins Advanced End Grain Protector | Cuprinol Wood Preserver

Wherever possible SmartFrame products should be used in their entire originally treated form (for the purposes of this warranty described as a SmartFrame component).

A SmartFrame component that is processed or cut such as notching, boring or cross-cutting after treatment (for the purposes of this warranty described as a SmartFrame element) must be protected by applying a suitable end grain preservative as listed above, in accordance with the manufacturer's instructions.

The cross-cut end of a SmartFrame element must not be buried in the ground. It is best practice to only bury the original and intact component treated end of the element in the ground.

EXCLUSIONS OF WARRANTY

- SmartFramecomponent rip-cut down its length.
- SmartFrame component placed in fresh or saltwater contact.
- SmartFramecomponent supplied for installation outside UK mainland.
- SmartFrame component removed from its original installation and reused at a new location.
- Failure due to SmartFrame components being used for any purpose for which they were not designed.
- A SmartFrame element re-treated with either end grain preservative listed above that is placed or ends up in a situation where it is in contact with both the ground and air such as:
  - Earth and or aggregate retaining structures.
  - As a fence post, deck support post or similar bearing on or near to the ground or proprietary support, that allows the ground or build-up of organic matter to meet the timber.

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UNDERTAKING

The warranty is for the cost of re-supply, by Hoppings, of SmartFrame components that have proven to have failed as a result of fungal decay or wood boring insect attack, FREE OF CHARGE.

It does not cover the costs of removal or re-instatement of SmartFrame components or costs associated with any consequential 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 'insect attack' refers to attack by wood digesting insects that destroy the timber structure.

The term 'failed' refers to damage caused by fungi to such an extent that the SmartFrame 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.

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 i.e. a copy or scan of the original invoice.

TRANSFERABILITY OF WARRANTY

The SmartFrame warranty is fully transferable to new owners of the construction installation without notification.

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ENSELE END GRAIN PRESERVATIVE

Dear Customer

A new formulation of Ensele End Grain Preservative ('End Seal') is under regulatory compliance review.

Please be aware that Ensele End Grain Preservative in its current form does not comply with European Union (EU) law and as a result will no longer be available to purchase from 1st Sept 2019.

As the availability of its replacement 'End Seal' is bound up in the complexities surrounding our relationship with the EU, there will be a gap in the continuity of supply by Lonza UK Ltd. As a result, all Hoppings external wood warranties are in the process of being re-written to accommodate the use of the following alternatives:

Water based

Rustin's End grain Protector

Cuprinol's Wood Preserver

Solvent based

It is also our duty to advise you that, as of the 1st March 2020 it will be illegal to sell Ensele.

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SMART BASE
ADJUSTABLE SUPPORT PEDESTAL

SmartBase -Timber Connector Plate

SmartBase -Paving Connector Plate (flush

SmartBase Slope Correction Shoe 2.0mm up to 10 degrees

SmartBase Adjustable Pedestals

- The adjustable pedestals are suitable for timber and paved terraces in various installation heights.
- The new series of adjustable pedestals consists of three adjustable pedestals of different heights
- Their assembly height can be altered with the with the extension rings.
- From now on, we can offer you a modular system: innovative, universal, versatile and user-friendly!
- The new series of adjustable pedestals is completed by two different types of adapter plates:
- Timber connector plate – for classic timber substructures
- Paving connector plate – for laying stone slabs

Properties / Advantages

- High load bearing capacity of up to 8.0 kN / foot
- Ground assembly heights of 3.0–11.7 cm
- Height can be increased with extension ring
- Quick and easy assembly
- Stepless height adjustment
- Resistant to weather, UV exposure, insects and rot
- This allows you to adapt the adjustable pedestals to your individual requirements and local conditions in a quick and straightforward manner.
- The quoted load-bearing capacities represent recommended values. With these loads, the adjustable pedestals only deform by approx. 2 mm.
- The load-bearing capacity before actual breakage is several times higher.

SmartBase

30-53mm Adjustable Decking / Paving Pedestal.

53-82mm Adjustable Decking / Paving Pedestal.

70-117mm Adjustable Decking / Paving Pedestal .

SmartBase
R40 Support -
40mm Pedestal Extension Ring
R100 Support -
100mm Pedestal Extension Ring