

PRODUCT GUIDE: SmartFrame





Hoppings

QUALITY PRODUCTS

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NEW – SmartFRAME

A range of high specification treated European redwood products (incised) for use in structural wood applications above or in ground contact; where a 30-year service life is desirable.

Developed for use with wood plastic composite decking that tend to come with warranties against fungal decay beyond the standard 15 years.

SPECIFICATION:

- Incised, kiln dried solid European Redwood
- C24 Strength Class
- Finish - PSE-E4E
- Size - 45 x 95 & 45 x 145mm
- Lengths 3.6m & 4.8m
- Pack size, in principle: 55 pieces per pack 45 X 95
56 pieces per pack 45 X 145
- 30 year service life
- Use Class 4, 25 Year Warranty



Hoppings Softwood Products PLC.

Epping / Lingfield

The Woodyard, Epping Road.

Epping, Essex. CM16 6TT

Sales -

Freephone Hoppings Helpline 0800 8496339





FEATURES

Durable sapwood and heartwood envelope. For external use where a 30-year service life is desirable, above or in ground contact

Strength Graded (identified on end grain only)

Long 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

Supplied in stick

BENEFITS

Improved resistance to decay means it will remain fit for purpose for at least twice as long as Q-Deck/ Garden alternatives

C24 capability as standard with known clear span advice when used to build a deck sub-frame

4.8m lengths provides application flexibility

Easy to handle and work with

Easy to connect

Speed up post-treatment drying and assists with pre-conditioning prior to fitting

PLEASE NOTE:

Hoppings will consider enquiries for bespoke SmartFRAME components of a specific length(s).

Price on application.

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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 or 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.

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