



Photo by Studio Fuse Architectural Design

## Factory Applied Coatings and Treatments Product Guide

**JAMES E. HATCH  
& SON L.L.P**  
TIMBER COATING SPECIALISTS &  
TIMBER ENGINEERING MACHINERY





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# Contents

James E. Hatch and Son LLP was founded by James Edward Hatch in 1974 as a self-employed site-based fitter working on plant and commercial machinery and in 1984 James began working in a yard in Coppull before moving to our current base in Chorley. In 1987 James' son Stuart left school to follow in his father's footsteps and in 1992 the company bought a coating line and began priming timber. As the industry evolved and began moving towards MDF for internal products we had to evolve as well. We carried out trials producing fully factory finished products for external applications which were very successful and the business moved into external treatments, while still coating internal components. In 2017 Stuart's sons Frazer and Jacob joined the business and shortly after we built ourselves a new timber coating facility, with the focus of improving operations, while providing our customers with the service, advice, help and support they have come to expect.

Today we are committed to developing our operations, products and services in order to help and support our customers. As the needs of our customers constantly evolve, we are committed to our research and development, improving our expertise and performance. Our goal is to provide every customer with the most suitable coating system for their project, from a range of factors such as aesthetics, performance and maintenance cycles. Our company strives to continuously improve the manner in which we conduct our business in order to reduce our carbon footprint and work towards being more sustainable. We constantly review our operations, refine them and are investing in cleaner, more efficient machinery and equipment to reduce our impact on the environment.

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## How we help

We specialise in the factory application of timber coatings and treatments, meaning timber arrives on site factory finished in your chosen coating system ready to install. We understand that every project has its own unique requirements based on a range of factors such as location, climate, elevation, and desired finish to name a few. As a result, we offer coating systems from the world's leading timber coatings manufacturers, allowing us to offer the most suitable coating system for every project.

We work with timber suppliers, architects, developers, constructors and homeowners in order to assist in the specification of timber products and the coating system applied. Our team will help you specify the most suitable timber species, surface finish, coating / treatment applied, and offer advice on design and installation. We also work with the coating manufacturer to provide maintenance plans in order to ensure the long-term performance of the coating and prolong the life of the timber.

### Approved suppliers & applicators of







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### Climate Factors



- Location - Coastal or inland
- The 4 Seasons - Winter, Spring, Summer and Autumn
- Surroundings - Trees, buildings, excess moisture
- Weather - Sun, rain, wind and snow

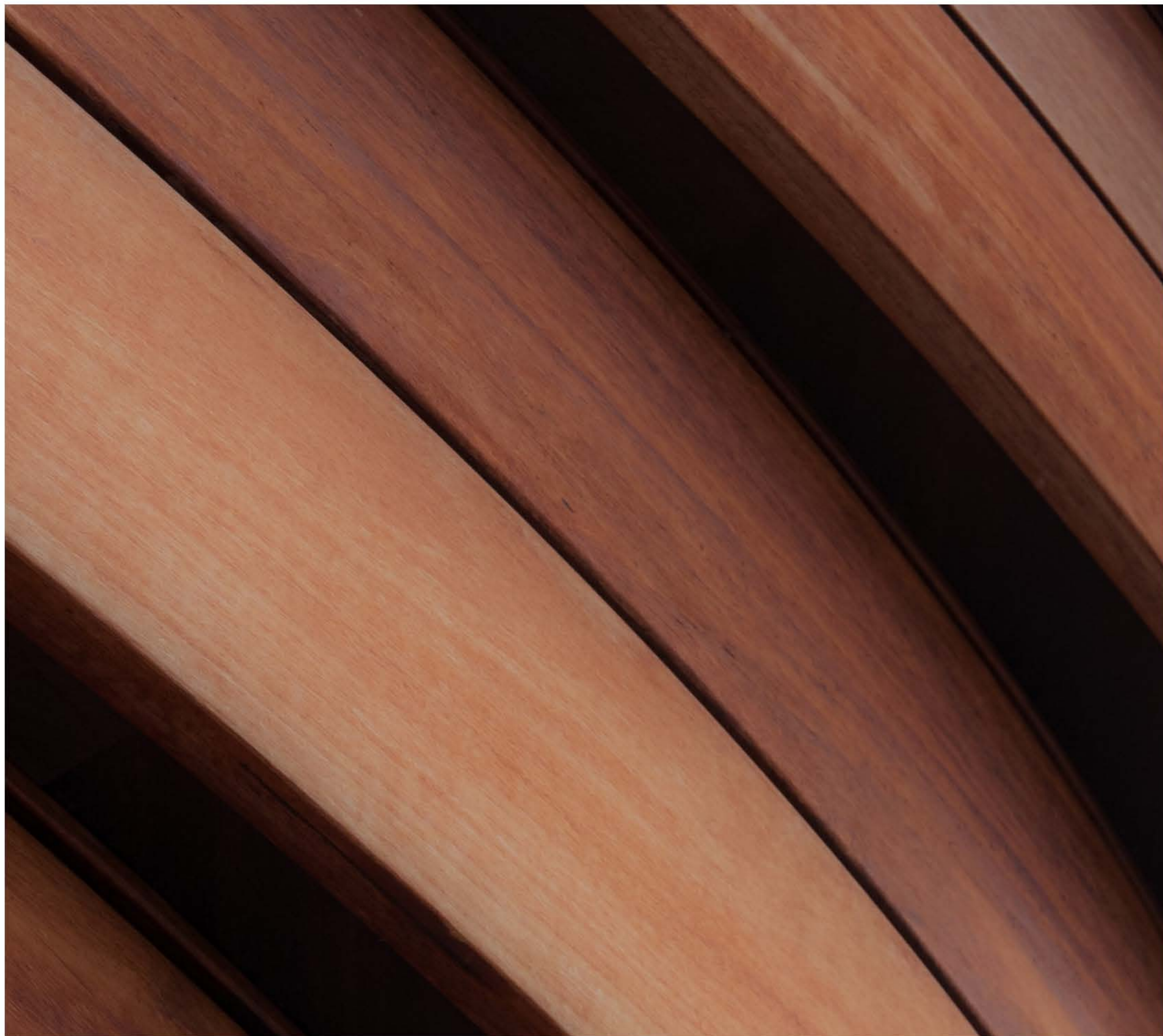


### Substrate Factors



- Timber Species - Modified or unmodified, native or imported
- Profile - Secret fix or face fix, tongue and groove, shadow gap, board on board
- Size - Thickness and width ratio impacts stability
- Surface Finish - Planed, sawn or structured





## Coating System Factors



- Colour - 1000's of colours to choose from
- Manufacturer
- Transparency - Natural tones, transparent, opaques
- Finish and Sheen - Sheen level, build and thickness

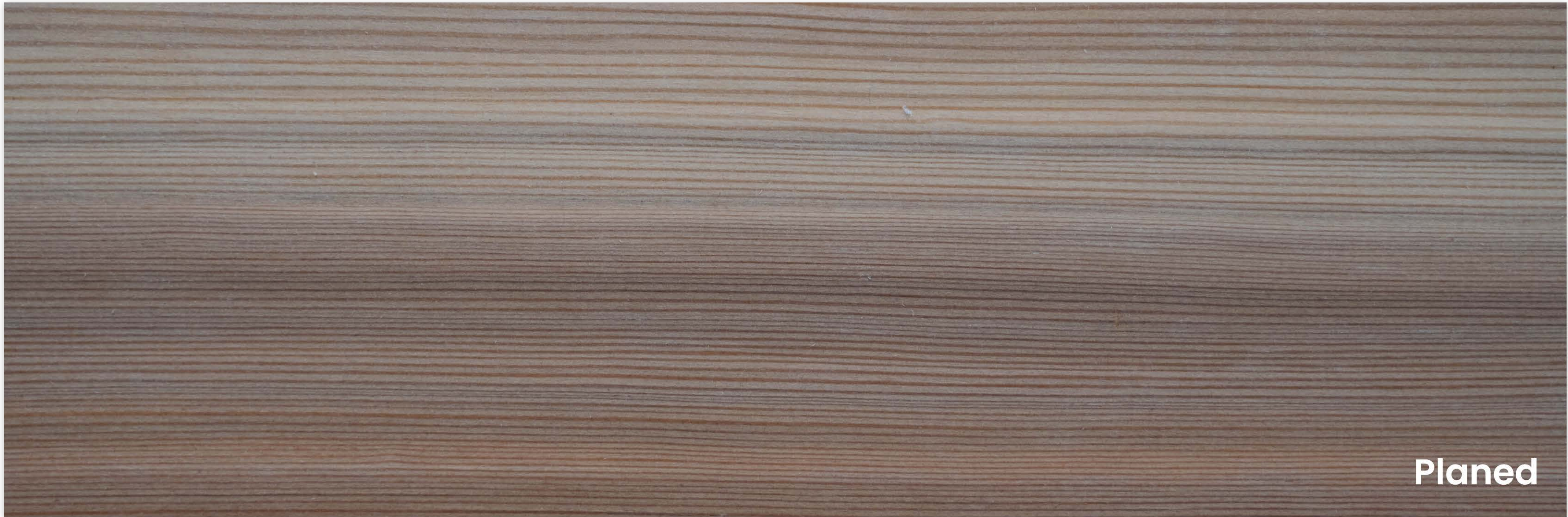


## Maintenance



- Implementing a maintenance plan
- Planning maintenance intervals to support desired aesthetic
- Sustainable maintenance intervals





Planed



Sawn





**Structured**

## Surface Finishes

We apply coatings to a range of surface finishes in order to meet every customers design criteria

### Planed

Planed timber has been machined to leave an elegant, smooth finish all the way around the board. As a result, a planed surface is a common choice when specifying timber cladding.

### Sawn

A sawn face is produced by passing the timber through a band saw in order to leave a rustic and more textured finish on the face of the timber. A sawn face is popular in rural locations or where projects require more character from the cladding.

### Structured

Structuring is an in-house process where we remove the softer part of the grain from the timber, leaving the harder grain heightened, adding further character to the timber.



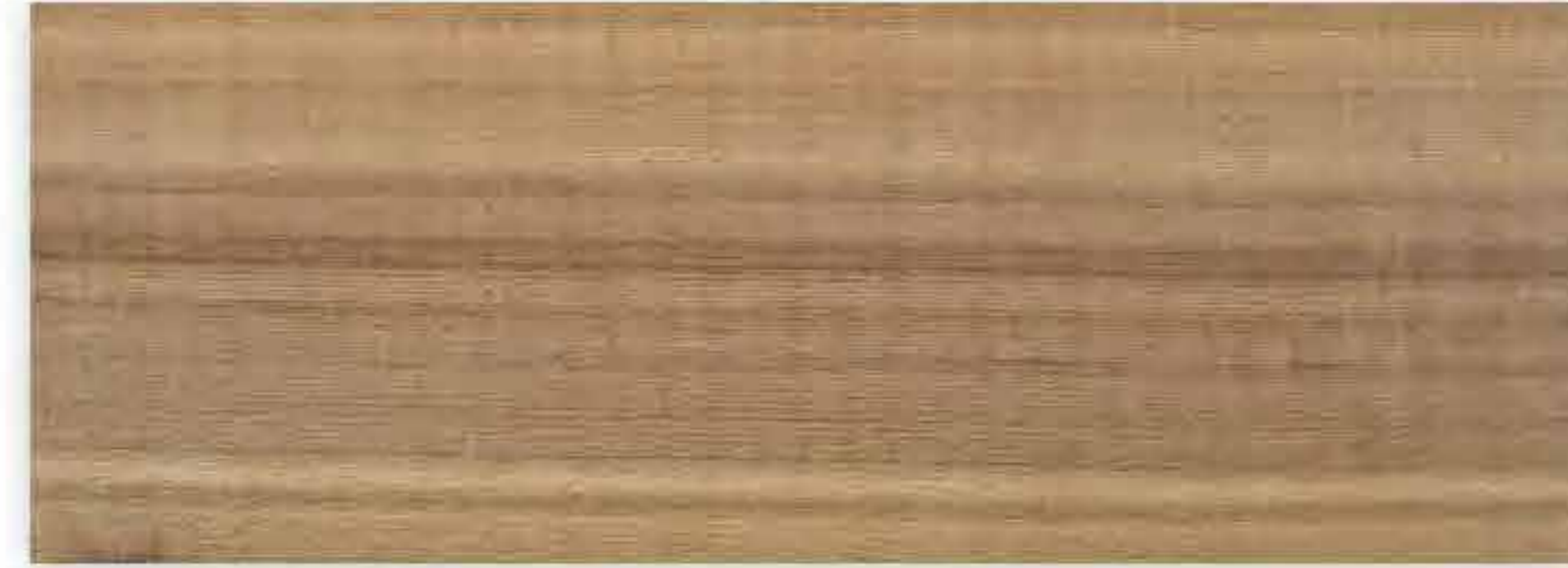
# SiOO:X

SiOO:X is a wood protection system which uses a patented silica technology to offer an attractive silver-grey patina. SiOO:X is available in different shades such as clear, light grey and can be applied to a range of surface finishes.

## Clear



Western Red Cedar – Structured



Western Red Cedar – Sawn Face



Home Grown Larch – Planed



Siberian Larch – Structured

## Light Grey



Home Grown Larch – Structured – Light Grey



Redwood Thermowood – Structured – Light Grey



Siberian Larch – Structured – Light Grey



Siberian Larch – Planed – Light Grey

## Mid Grey



Home Grown Larch – Structured – Mid Grey



Redwood Thermowood – Structured – Mid Grey



Siberian Larch – Sawn Face – Mid Grey



Home Grown Larch – Sawn Face – Mid Grey



SiOO:X helps timber to maintain an even weathering appearance while delivering long life protection.



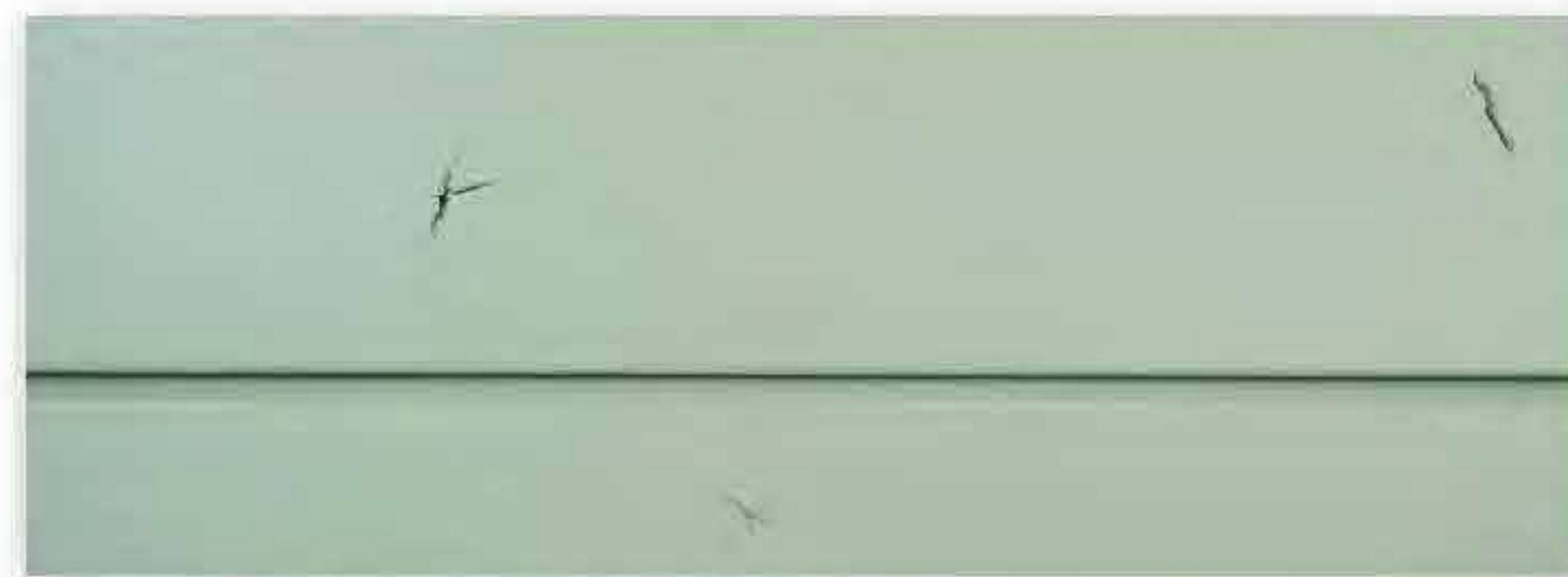




# Opagues

An opaque coating is a solid colour which delivers a consistent finish. Opaque finishes prevent the colour of the timber grain from showing through the coating, which results in a uniform finish to each length of timber.

Opaque coatings can be tinted to any RAL, NCS and Farrow and Ball colour codes and can even be matched when required. Opaque coatings are suited to a wide range of timber species and can be applied to a planed, sawn or structured surface finish.



Redwood Thermowood - RAL 6012



Radiata Pine Thermowood - RAL 7001



Redwood Thermowood - RAL 7016



Radiata Pine Thermowood - RAL 5012



Radiata Pine Thermowood - RAL 7044



Redwood Thermowood - RAL 3000



Redwood Thermowood - Sawn Face - RAL 9005



Radiata Pine Thermowood - RAL 9005

**1000+ colours available**

Can be tinted to any RAL colour on request







# Translucents

Translucent coating systems offer a natural, decorative appearance while providing optimal protection to timber. A careful balance of pigments, binders and UV blockers mean the coating accentuates the grain, resulting in the timber retaining a natural appearance.

Translucent coating systems are available in a range of shades to suit a wide range of timber species, meaning the specified timber can be factory finished in a coating system and shade best suited to the colour of the timber in its natural state.



Western Red Cedar - Sawn Face - FT 52266



Redwood Thermowood - Planed - FI-024



Redwood Thermowood - Sawn Face - FI-024



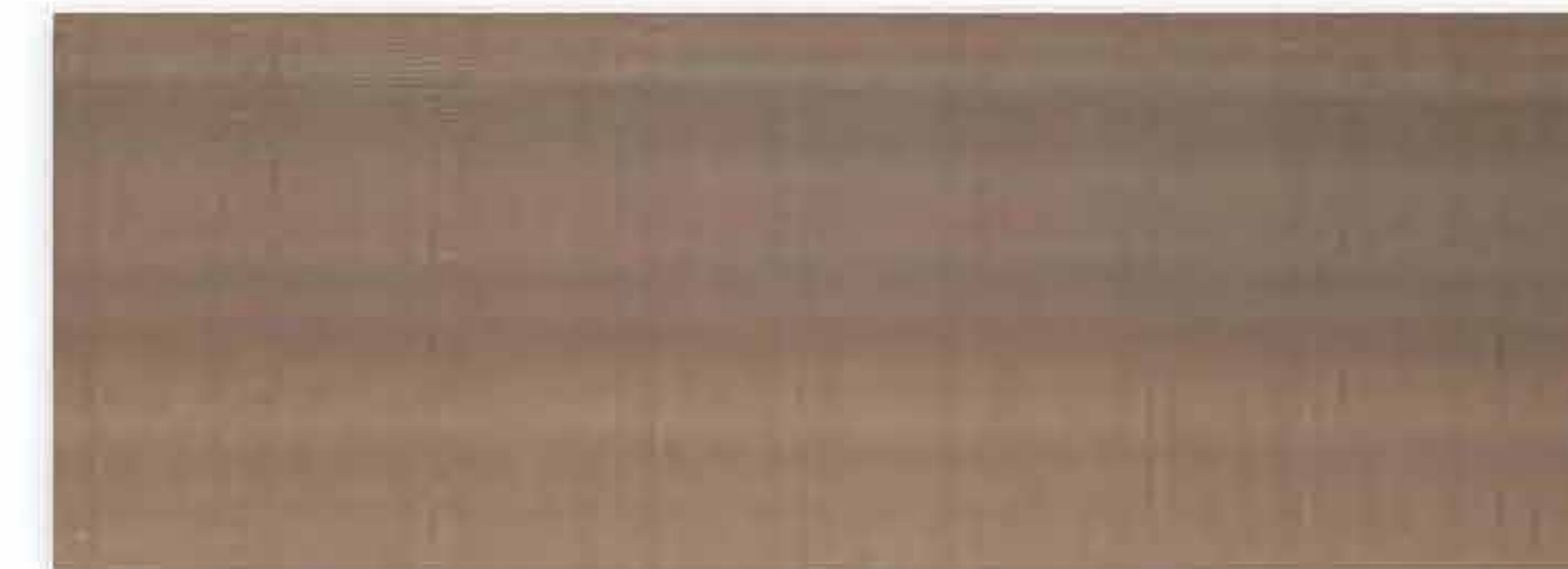
Radiata Pine Thermowood - Planed - TR 4136



Western Red Cedar - Planed - TR 4136



Western Red Cedar - Planed - FI-024



Western Red Cedar - Sawn Face - FT 47583 - Cedar



Siberian Larch - Planed - TR 4131



Siberian Larch - Planed - Slate Grey







# Wood Stains

Wood Stain coating systems offer an extremely natural and rustic appearance. They are a matte finish with high penetration properties, which are low film-forming on the surface of the timber. The coating bonds to the timber substrate and forms a tough and durable barrier of protection against the elements.



Radiata Pine Thermowood - Sawn Face - Mid Oak



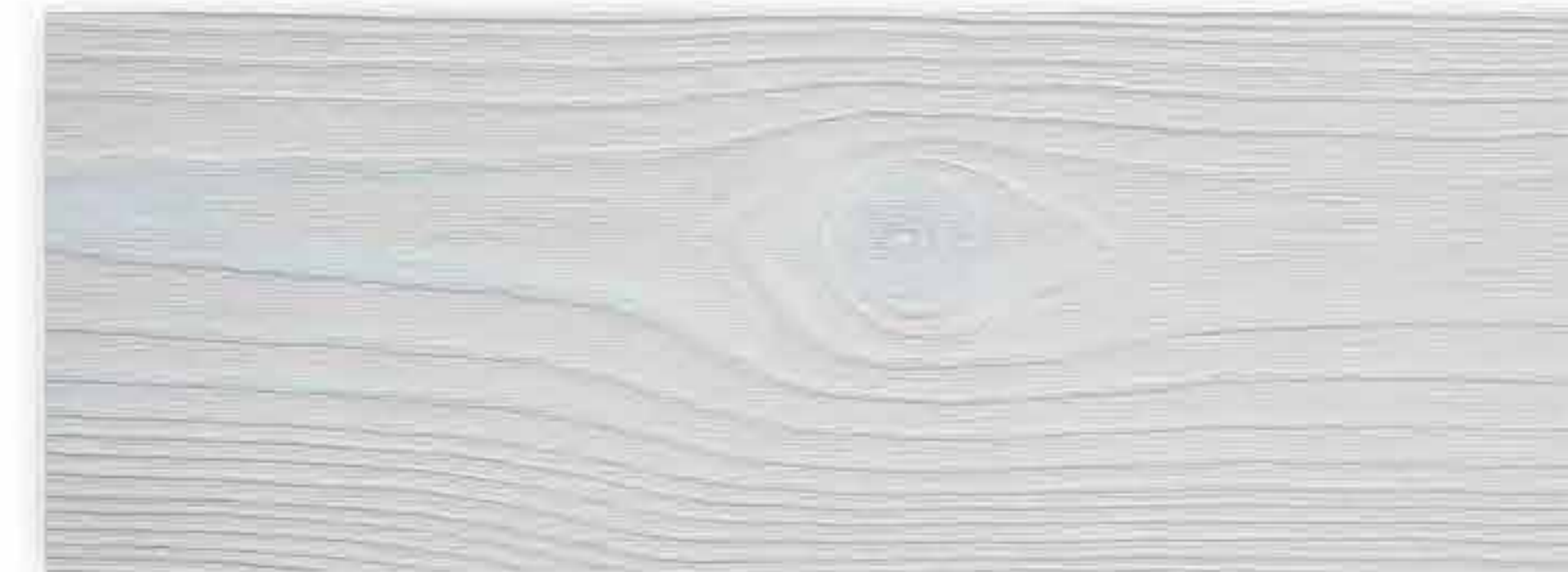
Radiata Pine Thermowood - Planed - LBR 4136



Redwood Thermowood - Sawn Face - Mineral Grey



Redwood Thermowood - Planed - LBR 4136



Redwood Thermowood - Structured - RC-990 White



Redwood Thermowood - Structured - Coal Black



Western Red Cedar - Structured - Mineral Grey



Western Red Cedar - Sawn Face - LBR 4136



Western Red Cedar - Planed - LBR 4136



Home Grown Larch - Planed - Mineral Grey



Home Grown Larch - Sawn Face - Coal Black



Home Grown Larch - Structured - LBR Slate Grey



Siberian Larch - Planed - Mineral Grey



Siberian Larch - Sawn Face - LBR 4136







# Internal Coatings

We offer an extensive range of internal coating systems for a wide range of applications such as flooring, skirting boards, architraves, door casings and decorative mouldings. All of which are available in a variety of products and specifications to suit your project.

Components can be coated in a range of products; from primers to opaque, and translucent coatings or clear lacquers. We can also offer these internal components as primed / base coated, semi-finished or factory finished.



High Performance Primers



Priming



Clear Lacquer







## Conclusion

Offering each customer the most suitable coating systems to protect and prolong the lifespan of their timber is our main objective.

As a result of our unique history and family business values we pride ourselves on being big enough to deliver and small enough to care.

For more information visit [www.jamesehatchandson.com](http://www.jamesehatchandson.com) or call 01257 480064 to talk to a member of the team and discuss how we can assist you, your business or your next project.

Operating since 1974 James E. Hatch & Son LLP specialise in the factory application of coatings and treatments to timber for internal and external applications

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