



Internal & External Timber Decorative Coatings

Timber preservation, fire retardants and coatings





High Performance Timber Stain

Sentrin Chromacoat is a waterbased, vapour permeable stain that enhances the naturally beauty of timber and protects against weathering and surface degrade. The coating is semi-transparent allowing the colour to be combined with the natural structure and grain of the wood. It is available in a wide range of standard colours as well as bespoke colours for larger projects. Sentrin Chromacoat is applied under controlled factory conditions to produce an exceptional finish that is difficult to achieve with on-site hand application. It is the only coating system approved for use with Sentrin FRX fire retardant treated timber.

How do I specify the correct coating?

Sentrin Chromacoat is factory applied to a specification that is suitable for the intended end use. The colour can be selected from a standard [RAL Colour](#).

The film thickness and number of coats will depend on the desired finish, service life, timber species, pre-treatments, (preservative or fire retardant) and cost. We will discuss these options with you and make recommendations if required. We always recommend a sawn finish rather than planed, as this will provide a superior finish and longer service life.

Representative samples can be produced for approval and will be retained for reference if further material or maintenance is required in the future.

Typical applications

For use in above ground interior or exterior applications . Sentrin Chromacoat wood products are commonly used for external cladding, structural timbers, internal and external joinery and landscaping projects.



What maintenance is required?

Sentrin Chromacoat treated wood will not peel crack or blister and maintenance will depend on the initial specification. On average, a three coat system will benefit from maintenance after four years with opaque colours degrading more slowly than semi-transparent.

Is there a Performance Warranty?

A performance Warranty is available for Sentrin Chromacoat. The length of the warranty is dependent on the individual specification.

Semi transparent coatings will always be less durable than opaque and this fact is reflected in the warranties offered for different systems. As an example, a three coat semi-transparent application on a sawn finished, (not planed), external profile can provide a 4 year warranty.

Any warranties will be on a specific contract basis only. Full warranty terms are available on request.

User Guide



Storage of treated & coated timber

Timber is delivered wrapped to protect it from the elements. Each layer of timber may also be separated with a specialist wax coated paper or plastic film. It is recommended that all packaging is left intact to protect the coated surface until installation. Ideally packages should be left in a dry environment to prevent any water ingress and condensation which may give rise to mould growth. Handling and storage recommendations are supplied with each delivery.

Re-working of treated timber

Coated timber should not be machined, planned, milled or sanded in its finished condition. Timber may be cross cut and if this is necessary, exposed ends should be coated with the same colour and batch of Chromacoat using a brush. Up to three coats can be applied to match the original specification. Chromacoat for touching up should be ordered at the same time as the original coating.

Handling

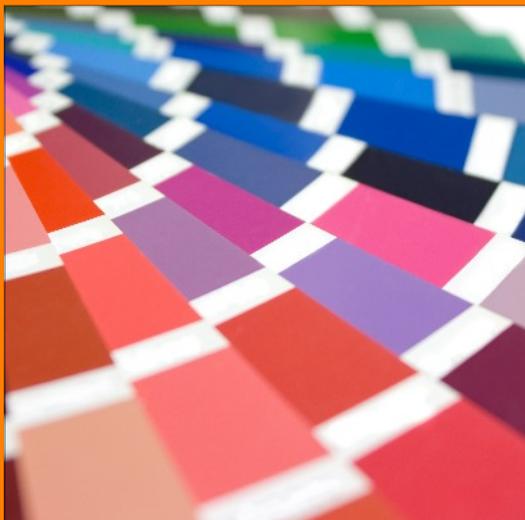
Coated and dried wood poses the same hazards as untreated wood. Engineering controls and protective equipment should be used to minimise airborne wood dust.

Fixtures, fittings and gluing

Sentrin Chromacoat coated wood is non-corrosive to metal fixtures and fittings. Where components are assembled and glued before coating, a suitable waterproof adhesive should be used. PVA, or urea formaldehyde adhesives are not recommended.

Maintenance

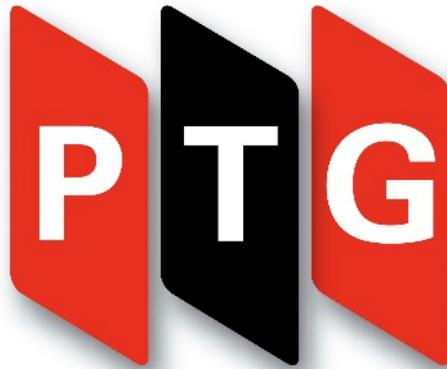
All coatings will require maintenance and general opaque finishes will require less than transparent or semi-transparent. Visual monitoring of the surface condition should be undertaken every 12 months. If maintenance is required, PTG can supply Chromacoat to the original specification and colour. Please contact us for advice on application methods and techniques.



Coating Process

Representative samples of the coated wood are initially produced to ensure the correct colour and opacity are achieved. These are approved and duplicates are held for future colour matching. The species and surface finish of the wood will affect the final appearance and this sample stage is essential to ensure the desired end result.

Sentrin Chromacoat is applied under factory controlled conditions to ensure the best possible finish and appearance. Depending on the application, brush or flow coaters are used to apply up to three coats of stain. In between each coat, the timber is dried at the correct temperature and humidity to ensure optimum adhesion to the wood and subsequent coats. Each layer of timber is then separated with a wax lined paper or plastic film and the whole package wrapped to protect it from the elements.



TREATMENTS

Timber Preservation, fire retardants and decorative & protective coatings

Contact Us

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Email info@ptgtreatments.co.uk

Web www.ptgtreatments.co.uk

Treatment Centres	Tilbury	01375 858700	tilbury@ptgtreatments.co.uk
	Hull	01482 329114	hull@ptgtreatments.co.uk
	Cumbernauld	01236 720992	cumbernauld@ptgtreatments.co.uk
	Perth	01738 635521	perth@ptgtreatments.co.uk