



know & love
timber

PORTA CUMARU

Protect & Maintain Exterior Timber

Porta Cumaru hardwood is a Class 1 durable timber – it can last 40+ years above ground and 25+ years in ground.

Porta recommends the following to protect and maintain durable Porta Cumaru hardwood products :

- Factory-applied pre-coating
- Use DeckWise® quality deck fastenings
- Apply end-grain sealer to cuts
- A coating and maintenance schedule

PRE-COATING

Pre-coating provides temporary protection against moisture and staining, and forms a base coat for additional coats. Protecting any timber is important during transport, storage and construction. Factory pre-coating creates a protective barrier that helps reduce moisture loss and take-up, which can cause expansion/contraction before timber is installed. Further, pre-coating can save time and costs as all surfaces are evenly sealed.

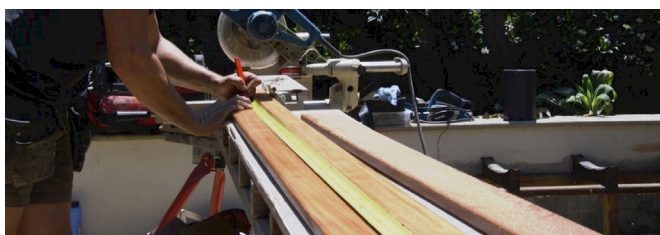


- Porta factory applied pre-coat is Intergrain Enviropro Water Based Pre-Oil; a low odour, non-hazardous, water-based solution
- Compatible with most water and solvent based coatings
- Wax based coatings should not be used over the pre-coat
- Final application of preferred coating should be applied to Porta Cumaru as soon as installation is complete
- Minimum order 100LM
- Lead time 1 week
- Contact us for a quote

END-GRAIN SEALER

Protect timber and reduce end cracking with an end-grain sealer;

Porta recommend applying TEKNOSEAL 4000 end grain sealer to cuts made on site.



- TEKNOSEAL 4000 end grain sealer is available in 750ml tubs
- Compatible with a range of finish coatings
- Apply with a brush or filing knife – prior to coating
- Clean brushes with warm soapy water

DECKWISE FASTENINGS

For a longer lasting deck, choose DeckWise® a high quality concealed fastening system. Porta supply DeckWise fasteners and accessories; designed to give a premium finish to your deck, the fastener options include a hidden clip or a timber plug system.



- DeckWise® ExtremeKDTM Clip System – up to 3 times more holding power than other fixings
- DeckWise® Cumaru Master Plug Kit covers face fixing
- See the range online and contact us for a quote



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COATING

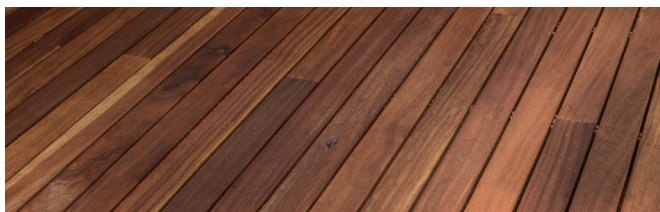
Coatings protect against moisture loss; this simply means that coatings help create a barrier between timber & water. By slowing down the rate at which moisture moves in and out of timber, stress on the timber is reduced which minimises the risk of long-term splitting, warping and cupping.

Coatings provide UV Protection; UV radiation causes drying and bleaching of the timber surface which causes the timber to grey over time.

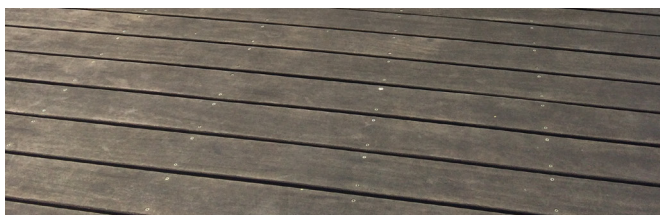
Uncoated timber can age faster; experiencing grain raising and visual splitting more than coated products.

Specify a coating and maintenance schedule to preserve the appearance and dimensional stability of the timber. No coating will last indefinitely and how long a coating will last is determined by several factors such as sun exposure, local climate and site orientation.

TYPE	STRENGTHS	WEAKNESS	MAINTENANCE
Penetrating Coatings are oil based and nourish the timber.	<ul style="list-style-type: none">• Easy to apply• Can darken timber	<ul style="list-style-type: none">• Degrade quicker when exposed to UV• Need more regular recoating	Inspect and recoat when water does not bead on the surface (often 12-18 months)
Film forming Coatings create a film over the timber surface and protect against UV.	<ul style="list-style-type: none">• Smooth finish• High UV protection• Strong moisture prevention	<ul style="list-style-type: none">• Does not penetrate the timber• Can peel off over time• Timber needs to be prepared carefully	Can need sanding before reapplying
Hybrid Coatings contain an oil to nourish the timber and a thin film to block UV radiation.	<ul style="list-style-type: none">• Can have added fungicides• Can last longer between coats	<ul style="list-style-type: none">• Variation of penetration and film formation between products• Can be more expensive	Lowest maintenance often up to 2-3 years between coats



To maintain the timber colour, choose a pigmented coating. It is the colour pigment that reflects and absorbs UV radiation. Choose a pigment colour to match the timber colour, or darker if you want a different tone.



To allow the timber to weather to grey, choose an unpigmented coating. A clear coating with no pigment will allow the timber to grey whilst protecting it against moisture. Timber can grey at varying speeds depending on shading and exposure. Most timbers will fade within 1 year if in an exposed orientation.

For more information, see the full design and install guide on the Porta website.



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