



# PORTA CUMARU

## Protect & Maintain Exterior Timber

know & love  
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 assists acclimatisation and can improve the stability of the timber.** 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 and when factory applied, as all surfaces are evenly sealed. With on-site application, surfaces most susceptible to moisture, underneath decks, can be left exposed.



- Porta factory applied pre-coat is Intergrain Enviropro Water Based Pre-Oil; a low odour, non-hazardous, water repellent and water-based solution
- Compatible with a range of coatings
- Wax based coatings should not be used over the pre-coat
- Final application of preferred coating can 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

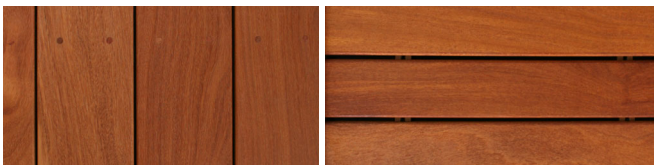
**Protect timber and reduce the effects of moisture with an end-grain sealer;** because all timbers, when exposed to moisture, have an increased risk of end splitting and checking. Porta Cumaru is supplied with TEKNOSEAL 4000 end-grain sealer on ends before delivery. Further, Porta recommend applying 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
- Timber should be clean – free from dust and contamination prior to sealing
- 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 – cover face fixing
- See the range online and contact us for a quote



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### COATING

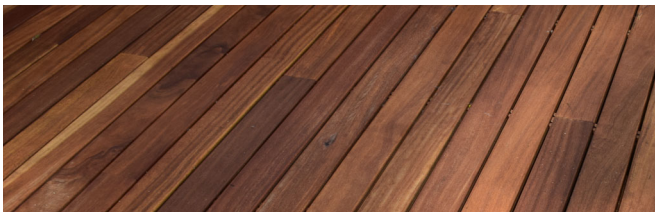
**Coatings protect against moisture loss;** this simply means that coatings help create a barrier between timber & water. By slowing down the rate at which moisture moves in and out of timber, stress on the timber is reduced which minimises the risk of long-term splitting, warping and cupping.

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