

Wood Species Radiata Pine (Pinus Radiata)

Images



Stratos

Quality

Select Grade

Graded to either ribbed or smooth face with face and edges virtually free of any defects. One edge knot and one small face defect allowed per piece in 20% of boards only. Back side with some defects allowed.

Premium Grade

Mainly clear sections with face and edges allowing a few small isolated defects up to 1/4 width of the face. Back side with some defects allowed.

Moisture Content

Approx. 18% MC (+/-2%)

Sizes

Thickness x width (mm)

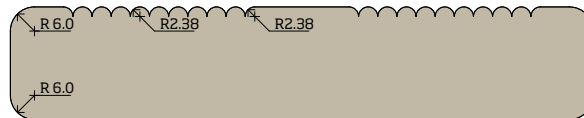
142x27, 140x22, 90x22, 70x22mm

(Note: some dimensional variation may occur after treatment)

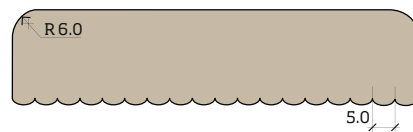
Lengths (m)

2.40, 2.70, 3.00, 3.60, 4.20, 4.80, 5.40m - Set Length Packets

Profiles



Franck- DK16 - 142x27mm



Bondi- DK15S - 90x22mm



Classic Smooth- DK4 - 70x22, 90x22, 140x22mm

Product-specifications

Preservative	Elements OPX- Water borne azole (propriconazole + tebuconazole + permethrin) with water repellent. Durability class 1 after treatment (EN113), Class 3 (EN14915), H3 (AS1604) or H3.1 (NZS3640). Suitable for exterior above-ground applications only.		
Construction	Solid, mixed grain orientation		
Expected dimensional change in service	Width expansion approx 3%, length expansion approx 0.5-1%, thickness expansion approx 1.5% (variation may occur between boards)		
Density	450-480 kg/m ³	Hardness	Medium-low (3.5kN Janka)
Structural	C22 (EN338) - Tested in accordance with EN408		
Guarantee	25 years against rot, fungal decay and termite attack - terms and conditions apply		
Certification	FSC®-certified mixed, No.: SGS-COC-004944		

- Handling**
- Prior to installation, keep decking boards dry and out of the weather or under plastic wrap, elevated off the ground and on bearers.
 - During installation wear safety glasses, gloves, safety footwear and ear protection as appropriate.
 - When cutting, do not breathe in wood dust- always wear a dust mask.
 - Do not burn treated timber off-cuts. Timber waste should be disposed of in lined landfill or burned in an approved furnace. (Contact Adodo for disposal options)
 - Consult with a design professional, engineer or architect when building a deck with elevated or critical structural elements.
 - Adhere to local building code and construction standards in all cases.

- Fixing**
- High quality **stainless steel** or **hot dip galvanised** fixings should be used in all cases. Stainless steel 316 (A4) fixings should be used in areas near the sea.
 - Pre-drilling of deck boards is necessary at board ends only. Drill hole through deck board and into joist using a drill bit with approx 1/3 less thickness than the fastener.
 - As this is dry timber, some **expansion** of the product must be accounted for during installation and in service.
 - Fix decking methodically in rows, starting from one edge of the deck and working your way to the other edge row by row.
 - Sub floor and joists should be of appropriate durability class material and the design should allow for adequate airflow around underside of boards, with minimum 300mm clearance above the ground. Damp substrates should be water proofed with suitable membrane to prevent rising dampness.
 - Preferably seal cut ends with a wax-based water repellent or clear penetrating oil to maximise performance in service.
 - Application of Elements penetrating oil or similar water or oil borne decking stain may be made all sides prior to installation and a second coat within 2 months of installation for best performance in service. Always clean wood with a timber cleaner and allow to dry before applying oil.

Deck board size

70, 90 x 22mm

- Space joists at 400mm centres or up to 450mm centres maximum
- Use two 50mm x 5mm self drilling countersunk head screws or two 65mm x 3.15mm annular grooved stainless steel decking nails per joist.
- Position fixings approx 14 mm from board edge and 12mm from ends
- Ensure minimum 5mm spacing between board edges and 1-2mm spacing at butt ends

140 x 22mm

- Space joists at 400mm centres or up to 450mm centres maximum
- Use two 50mm x 5mm self drilling countersunk head screws per joist, nail fixing is not recommended
- Position fixings approx 18 mm from board edge and 12mm from ends
- Ensure minimum 8mm spacing between board edges and 1-2mm spacing at butt ends

142 x 27mm

- Space joists at 500mm or up to 550mm centres maximum
- Use two 60mm x 5mm stainless steel self drilling countersunk head screws per joist, nail fixing is not recommended
- Position fixings approx 18mm from board edge and 12mm from ends
- Ensure 8mm spacing between board edges and 1-2mm spacing at butt ends

Maintenance

- Wash down regularly (at least every 6 months) with mild detergent, warm water and soft brush
- All wood will go grey after extended exposure to the weather. To maintain colour use a pigmented oil and re-apply on a regular basis.
- Surface cracking or 'checking' may occur after exposure to the weather, this can be reduced by using a penetrating decking oil such as Elements Protector
- If decking is stained or oil finished, re apply coating as required every 12-18 months
- Mould growth will occur on timber, especially in high humidity conditions, for heavily soiled or mouldy areas use Elements Rejuvenator or similar oxygenating cleaner then apply Elements Preventor or similar mould inhibitor

Accessories



Elements Protector Oil 1L, 4L,
10L, 20L



Lambs wool applicator



Stainless Steel Decking Screw

Packaging

Composition per bundle:

T-MM	W-MM	L-MM	WIDTH	HEIGHT	QUANTITY PER BUNDLE
22	70	ALL	10	16	160
22	90	ALL	8	16	128
22	140	ALL	5	16	80
27	142	ALL	5	13	65

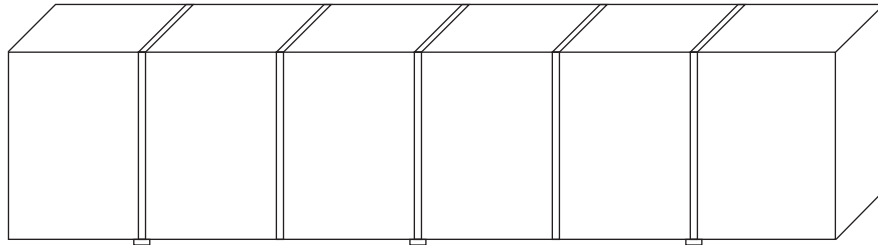
Container

Loading:

40'HC container- 6 bundles high x 3 bundles wide

20'GP container - 5 bundles high x 3 bundles wide

Covering bundle with plastic wrap, including logo's:



Marking

Side - Elements Logo
 Right - FSC® logo (Optional)
 End - ID Packet tag, 'KD' stencil mark

Straps

Strapped onto 45MM ISPM 15 gluts with belly straps, with one row of fillets, in plastic 'bikini' wrap over top 1/3 of bundle

Palletizing

Heat Treatment

All pallets should be heat treated according to ISPM15-certificate



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