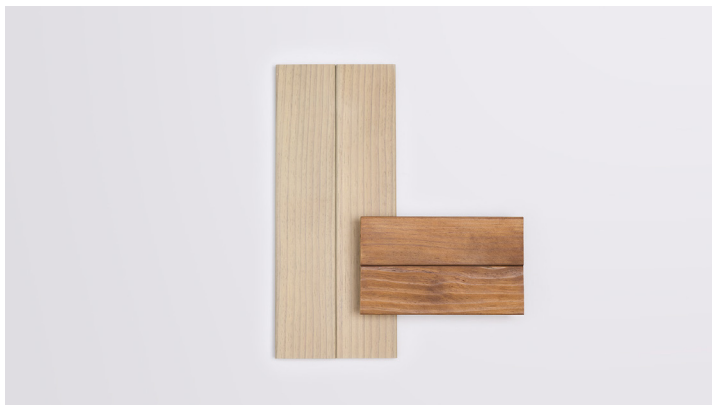


## Sand Decking



### Overview

Abodo Sand is our premium eco-timber decking product, and features vertical grain for natural stability and long term appearance. Sand Decking is a genuine eco alternative to hardwood decking with a silky smooth finish. A smooth face highlights the distinctive grain, and is easy to clean.

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Wood species: Radiata Pine (Pinus Radiata).

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Quality: **Select Grade/**Graded to 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. Ribbed profile on back side with some defects allowed. Vertical grain orientation in all boards.

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Moisture content: Kiln Dried, max. 14% MC (+/-2%).

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Profiles: Graded to the smooth face.



DK14S 90x21



DK14S 115x21

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Sizes: Thickness x width (mm)  
21mm x 90mm, 21mm x 115mm.

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Lengths: 2.4 - 4.8m\*

\*Product is supplied as standard in 'random length' or otherwise lengths at Abodo's option. Specified fixed lengths may be available but are subject to conditions including minimum quantity, price premium and availability. Please check with Abodo prior to placement of order.

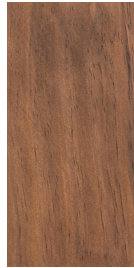
## Sand Decking

Colours:

Colours are indicative only and may change/fade with exposure to the weather.



Sand Pearl



Sand Teak

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### Product specifications

Treatment:	ACQ- non-chrome - and non-arsenic preservation system. Durability class 1 after treatment (EN113) , Class 4 (EN14915), H3 (AS1604) or H3.2 (NZS3640). Suitable for exterior close to ground applications.
Coating:	Supplied uncoated or optionally supplied with factory-applied Protector Oil coated all sides.
Construction:	Solid vertical grain orientation.
Expected dimensional change in surface:	Width expansion approx 2.5%, length expansion approx 0.5%, thickness expansion approx 4% (these figures will vary between boards).
Density:	450-480 kg/m3.
Hardness:	Medium-low (3.5kN Janka).
Structural:	C22 (EN338) - Tested in accordance with EN408.
Guarantee:	30 years against rot, fungal decay and insect attack - subject to terms and conditions.
Certification:	FSC® - certified mix, No. SGS-COC-004944.

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### Product handling

- If installing pre-finished decking take reasonable precautions to protect the surface from damage during installation- use plywood protective sheets or similar.
- 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 Abodo 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.

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### Fixing overview

- High quality **stainless steel** 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 kiln dried 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 design should allow for adequate airflow around underside of boards, preferably minimum 300mm above ground level.

# Sand Decking

## Fixing overview

- Damp substrates should be water proofed with suitable drained membrane to prevent rising dampness.
- Decking should not be placed in direct contact with steel or aluminum. Provide at least 12mm spacing from metal or use a durable barrier material (eg: DPC) to separate the decking from the metal.
- All end grains and notches must be sealed using Abodo's Protector End Seal or equivalent wax sealer, or Sioo:x End Grain Sealer in the case of Sioo:x coated boards.
- Protector factory pre-finished decking is recommended for optimal performance.
- If decking is uncoated, application of a mouldicide such as 'Wet and Forget' or equivalent followed by penetrating oil or similar water or oil borne penetrating decking stain should be made all sides prior to installation and a second coat on the top face and edges within 2 months of installation.

Film-forming coatings are not recommended. Always clean wood with a timber cleaner and allow to dry before applying oil.

Tip: To maintain brown colour use a pigment coating. If 'silvering off' is preferred use a grey pigment oil such as Protector Pearl.

## Board size

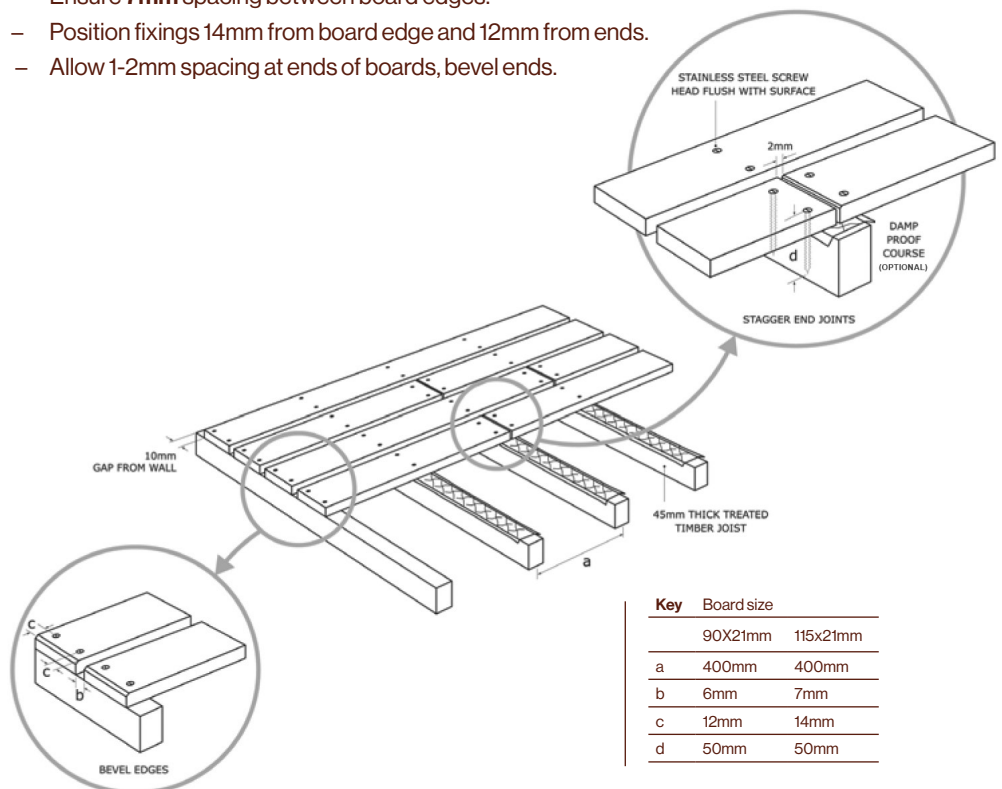
### Fixing recommendations

90x21mm

- Space joists at 400mm centres or up to 450mm centres maximum.
- Apply two 50mm x 5mm stainless steel self drilling countersunk head screws per joist.
- Ensure **6mm** spacing between board edges.
- Position fixings 12mm from board edge and 12mm from ends.
- Allow 1-2mm spacing at ends of boards, bevel ends.

115 x 21mm

- Space joists at 400mm centres or up to 450mm centres maximum.
- Fix with two 50mm x 5mm stainless steel self drilling countersunk head screws per joist.
- Ensure **7mm** spacing between board edges.
- Position fixings 14mm from board edge and 12mm from ends.
- Allow 1-2mm spacing at ends of boards, bevel ends.



## Sand Decking

### 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 brown pigmented oil and re-apply on a regular basis.
- Minor surface cracking or 'checking' may occur after exposure to the weather.
- If decking is stained or oil finished, clean and re-apply coating as required every summer.
- Mould growth will occur on timber, especially in high humidity conditions. For heavily soiled or mouldy areas use Rejuvenator or similar oxygenating cleaner then apply Preventor or similar mould inhibitor. Alternatively use a 1/4 cup of bleach and 1/4 cup detergent in bucket of water, brush on and leave for 5 minutes, then rinse thoroughly with fresh water.

### Accessories

Abodo Protector – Water Borne 4L, 10L:



Abodo Stainless Steel Decking Screw 5.5 x 60mm:



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