

The DECKING COLLECTION

by accoya 



Quick Reference Guide

ACCOYA DECKING INSTALLATION

Before you begin, here are a few things to review to ensure your deck build goes well and for the deck to be compliant to the Accoya warranty.

For complete installation details refer to the Accoya deck installation instructions on www.accoya.com.

1. PLANNING & PREPARATION:

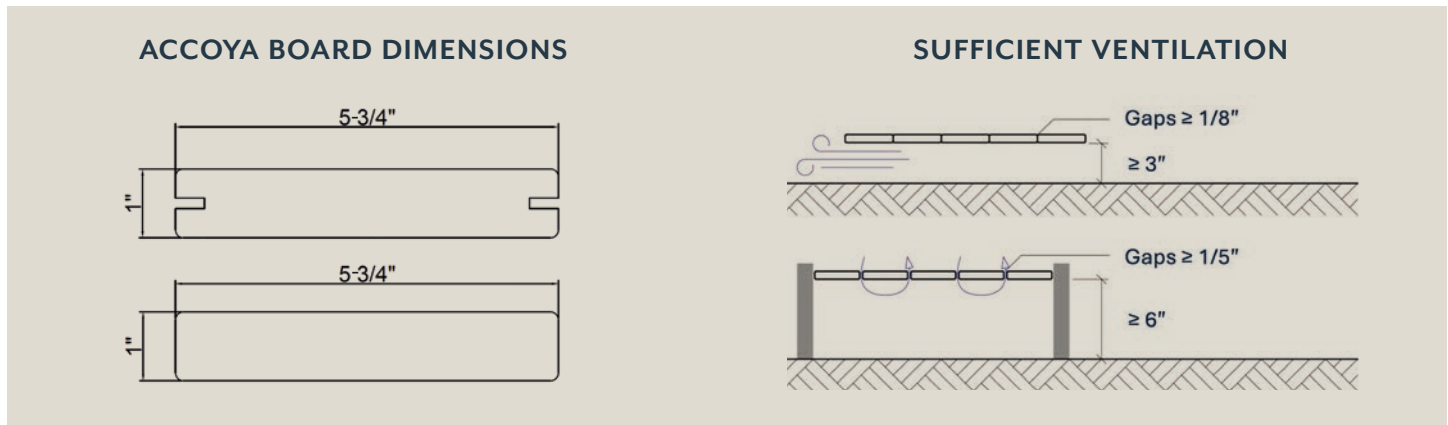
Expansion Gaps: Accoya is dimensionally stable but gaps of at least 1/8" are needed between deck boards for expansion, ventilation and drainage.

Cutting & Fastening: Use conventional woodworking tools and stainless-steel screws (304 for general, 316 for coastal exposure).

*Avoid using steel and galvanized steel.

Ventilation, Slope & Drainage:

- **Airflow:** Ensure continuous ventilation beneath the decking boards.
- **Slope:** Install the deck with at least a 2% slope for water runoff.
- **Drainage:** Build on solid, load-bearing ground with good drainage.

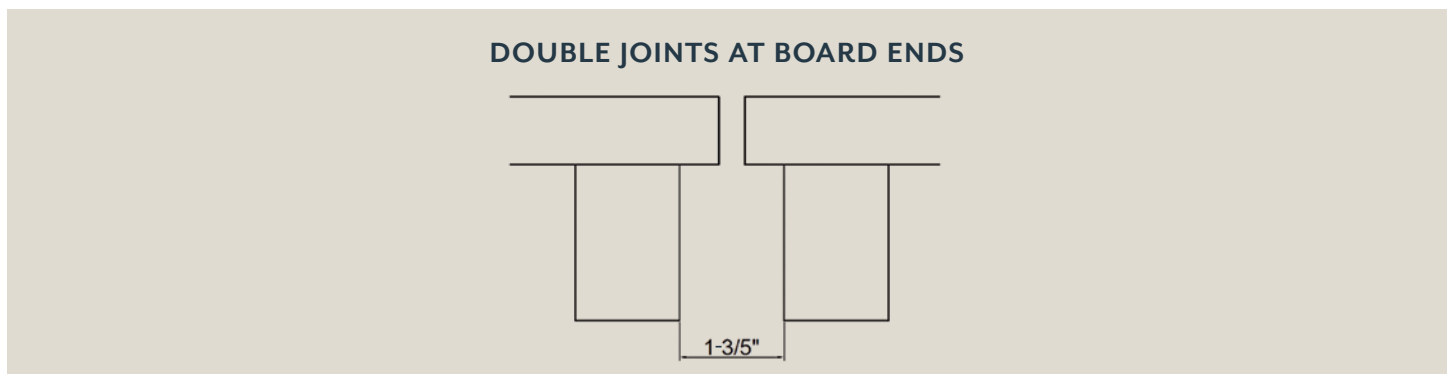


2. SUBSTRUCTURE:

Materials: Use Accoya joists, pressure-treated wood or aluminium. Use joist tape or spacers on top of pressure-treated wood.

Support: Each deck board needs support from at least three joists; double joists where two board ends meet.

Fixing: Secure substructure to the ground or build as a rigid floating frame with cross-members.

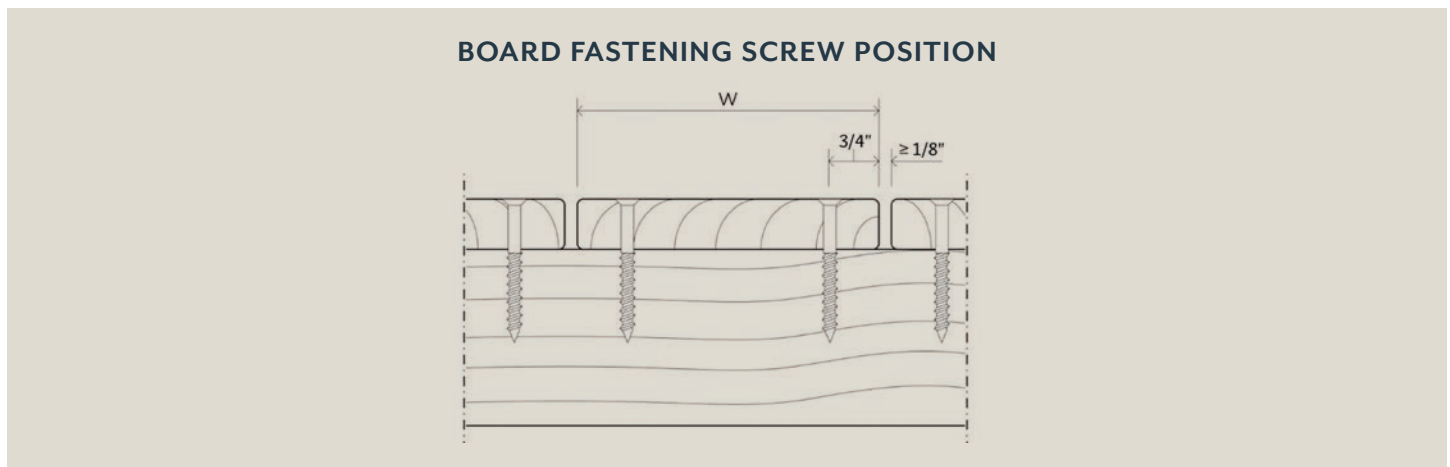


Joist Spacing requirement:

Board profile	Edge type	Joist spacing	
		Deck or Floor Span	Stair Tread Span
1 x 5-3/4"	Grooved Edge	24"	24"
1 x 5-3/4"	Square Edge	24"	24"

3. BOARD INSTALLATION:

Direct Fixing: Use suitable screws, pre-drill holes (3/64" smaller than shank diameter), ensure screws finish level with the deck surface and maintain gaps for expansion.



Board profile	Recommended screw dimensions	
	Residential Head- ϕ \geq 0.28"	Residential Head- ϕ \geq 0.39"
1 x 5-3/4"	#10 x 2.5"	#14 x 2.5"

Hidden Fastening: Use clips for grooved boards, following the clip manufacturer's instructions.

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