

Composite decking - Introductory information and pricing



Thank you for your composite deck enquiry. The information below will help you to make an informed decision about which brand of board to use and also provide information on the substructure and other elements of deck construction.

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Section 1	Composite board types and features
Section 2	Substructure types
Section 3	Composite board colours
Section 4	Price guide and Pros and Cons

There are many different brands and types of deck boards available on the market. Of all of them, we install only a small number based on a set of criteria that eliminates many problems that might otherwise be experienced by our clients over time.

Composite deck boards

	Trex Transcend	Trex Lineage	Millboard	Azek Vintage	Azek Prime	NexGen	WoodEvo Advanced	WoodEvo Home (Base range)
Price	Med	Med	High	High	Med	Med	Budget	Budget
Warranty	50 yrs Fade & stain	50 yrs Fade & stain	25 yrs Fade & stain	50 yrs Fade & stain	25 yrs fade & stain	50 yrs Fade & stain	30 yrs Fade & stain	25yrs Fade & stain
Scratch resistance	High	Medium	Medium	Medium	High	High	Medium	High
Range name	Transcend	Lineage	Enhanced Weathered	Vintage	Prime	Select	Home advanced	Home
No of colours	7	4	10	5	3	3	5	8
Hidden fasteners	Yes	Yes	Not needed	Yes Plugs	Yes Plugs	Yes	Yes	Yes
Colour matched plugs	Yes	Yes	Not needed	Yes	Yes	Yes	Yes	No
Square edge boards	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Grooved boards	Yes	Yes	Not needed	No	Yes	yes	Yes	Yes
Board widths	140 mm	140 mm	176 mm 200 mm	140mm 184mm	136mm	137 mm	140 mm 200 mm	140 mm 200 mm
Board lengths	5.4 m	5.4 m	3.6 m	4.8m & 6m	4.88 & 6.1 m	3.6 m	5.4 m	5.4 m (140 mm) 3.6 (200 mm)
Fascia boards	Yes	Yes	Yes	yes	Yes	Yes	Yes	Yes
Edge boards	No	No	Yes	No	Yes	No	No	No
Joist spacing	450mm	450mm	375mm	400 mm	400mm	400 mm	400mm	400mm
Bal rating	29	29	19	29	29	19	29	29
Made in	USA	USA	UK	USA	USA	USA	China	China
Heat Index	A/C	B/C	A/B	C	A	A	C	A/B
Board Type	PWC	PWC	Polyurethane	PVC	PWC	PWC	PVC	PWC

Heat Index	A	Cooler than concrete & tiles. A little hotter than timber decking
	B	Cooler than concrete, tiles and timber
	C	Noticeably cooler than concrete, tiles and timber

Board Types	PWC	Plastic wood composite
	PVC	Polyvinyl Chloride
	Polyurethane	Polymer resin and hardener



Nexgen



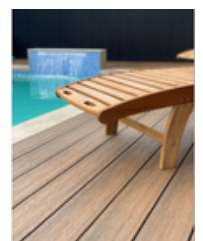
Azek



Millboard



WoodEvo Home



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Substructure types

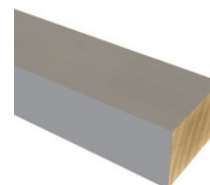
H3 treated timber (LOSP treated)

- this is the most economical substructure type of timber for outdoor works
- it is best suited to where there is good ground clearance and ventilation
- it cannot be used where it can be affected by water; attached to a concrete slab, sitting on the ground or where water may pond and cause moisture to accumulate
- it cannot be installed into the ground - as a post for example
- all cut ends and penetrations need to be retreated on site
- you can expect a 20 to 30 year lifespan if installed correctly under the right conditions
- top of joist flashing is recommended to seal the top of the joist against water penetration through the screw holes used to hold the deck boards in place



H4 treated timber (CCA)

- this timber has a warranted life span of 50 years
- it is suitable for external use where there is not a lot of height clearance or where water (moisture) may be an issue.
- It is the best option for pool and low to the ground decks (Closer than 350 mm - 35 centimetres to the ground)
- it is more expensive than H3 timber
- top of joist flashing is recommended to seal the top of the joist against water penetration through the screw holes used to hold the deck boards in place



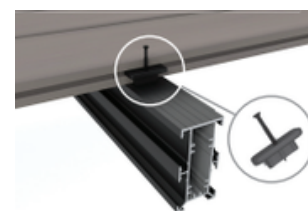
Hardwood

- Is quite expensive but can last up to 60 years if installed properly
- it can be hard to work with because of its hardness and will add time and labour costs to the installation process.
- some screw fittings will need to be predrilled because of its hardness
- it will span longer distances than pine, so less timber may be needed
- it is not suitable for some deck boards that are installed with 304 stainless steel screws



Aluminium

- is a recent addition to deck substructure construction
- It is more expensive than H3 or H4 timber
- it has a long lifespan
- it is especially useful on sites where termites may be a problem
- it is not suitable for some deck boards such as Millboard
- deck boards may move on it on a hot day and it may require additional fittings to stop the boards moving.



Galvanized steel

- is usually more expensive than H3 and H4 timber
- It is often used in high termite areas
- It is often preferred in high BAL rating areas
- it has a good cross bracing system for for sloping sites
- it will span longer distances than H3 and H4 timber and is very durable
- it can have an industrial look and the sides of the deck will look better if covered with fascia boards
- the beams and joists can be powder coated for a more aesthetic appeal



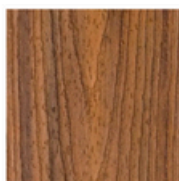
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Trex Transcend (Tropicals) - Heat Index A



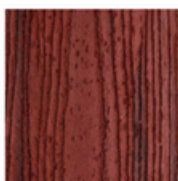
Trex Gravel Path



Trex Havana Gold



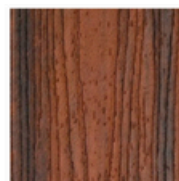
Trex Island Mist



Trex Lava Rock



Trex Rope Swing

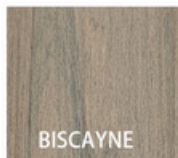


Trex Spiced Rum



Trex Tiki Torch

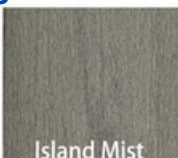
Trex Lineage - Heat Index C



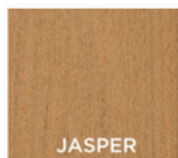
BISCAYNE



Carmel



Island Mist



JASPER

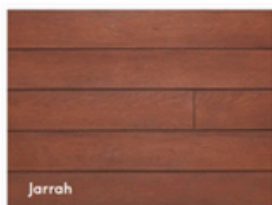


RAINIER

Millboard Enhanced - Heat Index B (Polyurethane)



Golden Oak



Jarrah



Smoked Oak



Brushed Basalt



Burnt Cedar



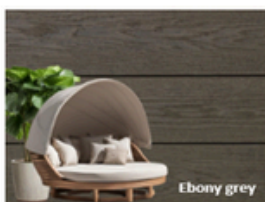
Coppered Oak



Antique Oak



Limed Oak



Ebony grey

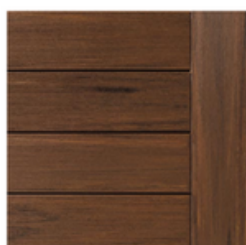


Ashwood

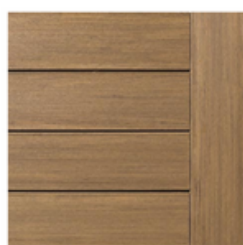
Azek Vintage - Heat Index C



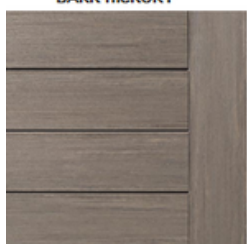
DARK HICKORY



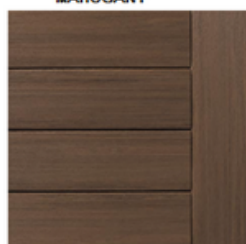
MAHOGANY



WEATHERED TEAK



COASTLINE

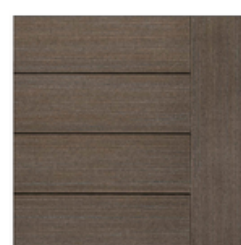


ENGLISH WALNUT

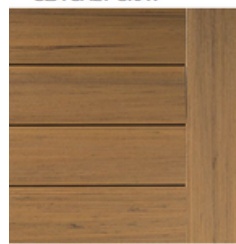
Azek Prime - Heat Index A/B



SEA SALT GRAY



DARK COCOA

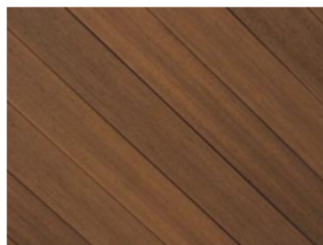


COCONUT HUSK

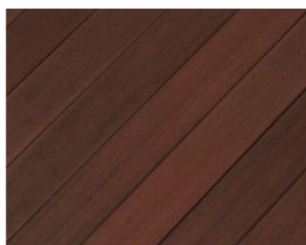
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Nexgen Select - Fiberon - Heat Index A



Nexgen Spotted Gum

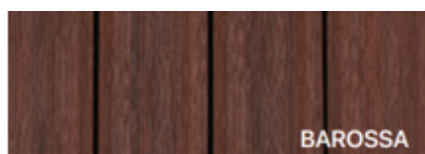


Nexgen Jarrah



Nexgen Graphite

WoodEvo Home (PWC) - Heat Index A



BAROSSA



HAMPTON



TEAK



TALLOWWOOD



NORDIC



BASALT



CHARCOAL



SNOW WHITE

HOME

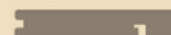
SIZE: 138mm x 23mm

LENGTH: 5.4m

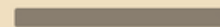
PROFILES: Grooved Board



Edge Board

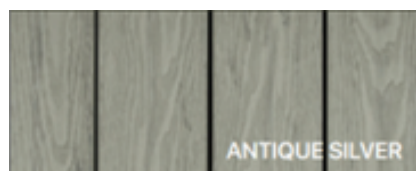


Fascia Board



(180mm x 15mm)

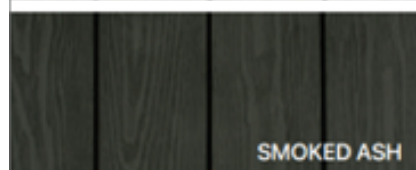
WoodEvo Home Advanced- (PVC) Heat Index C



ANTIQUE SILVER



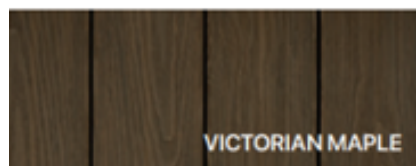
OAK



SMOKED ASH



SANDSTONE



VICTORIAN MAPLE

ADVANCED140

SIZE: 140mm x 25mm

LENGTH: 5.4m

PROFILES: Grooved Board



Square Board

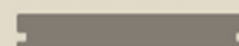


ADVANCED200

SIZE: 200mm x 32mm

LENGTH: 3.6m

PROFILES: Grooved Board



Square Board



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Composite decking price guide - supply and install for decks 50 centimetres or less above ground

Board type	Square metre rate	GST	Total GST Inclusive	Maintenance
Trex Transcend	\$832	\$83	\$915	\$0.00
Trex Lineage	\$832	\$83	\$915	\$0.00
Millboard Enhanced	\$1019	\$102	\$1121	\$0.00
WoodEvo Advanced	\$759	\$76	\$835	\$0.00
WoodEvo Home	\$738	\$74	\$812	\$0.00
NexGen Select	\$836	\$84	\$919	\$0.00
Azek Vintage	\$1,024	\$102	\$1,127	\$0.00
Azek Prime	\$773	\$77	\$851	\$0.00
H4 Substructure	Add \$45 per square metre			
Stainless Steel Fittings	Add \$75 per square metre			

Inclusions in the price guide above

Site supervisor	Deck board of choice
Qualified installation team	Project waste removal
Gtape flashing - Joist protection	Piers - Concrete or other
10 year warranty on installation	H3 Substructure/all galvanized attachments
Product warranties	Gtape flashing - Joist protection
Public Liability Insurance	Tannalised eco spray - timber protection
All deliveries	Hidden Fasteners/Colour matched plugs
Project waste removal	Project design/Cad drawings

Exclusions in the price guide above

Steps and stairs	Handrails and balustrades
Fascia	Benches and other features
Stainless Steel fittings	Decks more than 50 cm's above ground
Site access issues that require cranes, floor and wall protection for Strata units, etc	

Pros and cons of Composite decking

Pros	Cons
Very low maintenance costs if any	WPC can be hotter than timber
Long warranties - up to 50 years	Not as natural looking as timber
Stain resistant	Can feel different underfoot
Quicker to install	Deep scratches can't be sanded out
Available in many colours	PVC boards are easier to scratch

Pre Site Inspection Information

Composite decking



Accessories

Re treats cut ends of timber
essential for H3 timber



EcoSeal Green Spray

For the top of joists to prevent water
damage. Essential for H3 timber



G-Tape Waterproofing Joist
Protection 3040BK Black



Trex Connector Clip for Timber
Substrate



Trex Connector Clip for Metal
Substrate



Starborn Trex Decking ProPlugs



Millboard Durafix Dstainless
Steel screws



Azek Stainless steel screws