

BENEFITS OF PERMADECK VOYAGE DECKING:

- ✓ Virtually 100% waterproof, unaffected by moisture
- ✓ Scratch-resistant
- ✓ No stain or fade
- ✓ All ingredients unaffected by moisture, sun or microbes
- ✓ Best stiffness-to-weight ratio of any composite deck board in the industry
- ✓ Unbreakable in flexural loading or impact
- ✓ Lowest thermal expansion/contraction of any thermoplastic deck board in the industry



VOYAGE DECKING PROPERTIES

PROPERTY	TEST METHOD	RESULT
Coefficient of Thermal Expansion	ASTM D 696	0.94x10 ⁻⁵ mm/mm *Degree Celcius
Flexural Modulus (MOE)	ASTM D 6109	2,799 Mpa
Flexural Strength (MOR)	ASTM D 6109	27.58 Mpa
Screw Head Pull-through (Ultimate)	ASTM D 1761	182 Kilograms
Decay (Brown and White Rot)	ASTM D 2107-05	No effect
Termites (Formosan Subterranean)	ASTM D 3345-08	No effect
Slip Resistance	AS 4586-2013	Class: P5
Flame Spread (Capped)	ASTM E-84	155 (Class C)
Uplift Resistance with Stowaway Fastener	ASTM E 330	488 kg/m ²
Moisture Absorption	ASTM D	<0.4% (Full Submerged for 24 hours - Extreme Condition)
Weight Per Lineal Foot		2.38 Kilograms per meter
Span/Load Rating		Joist Spar 406mm on-center with a maximum area load rating of 488 kg/m ²
Stair Tread Rating		Stringers span 229 mm on-center with a two-span condition minimum. Maximum Point load is 136 kilograms



PERMA
DECK Composite Decking // Good for Life

Decorators®
Go Beyond Ordinary

VOYAGE DECKING

A unique decking suitable for residential, commercial & marine applications.



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For more information contact:

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☎ 0800 952 952
🌐 www.permalink.co.nz

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STRONG. LIGHTWEIGHT. STABLE.



New Permadeck Voyage decking is a giant leap forward in wood-alternative decking. Made with Eovations™ technology, it delivers the industry's best strength-to-weight ratio. It's powerful and stable, it doesn't absorb moisture, and the durable polymer cap stock won't stain or fade. Simply put, it can take a pounding and still look amazing.

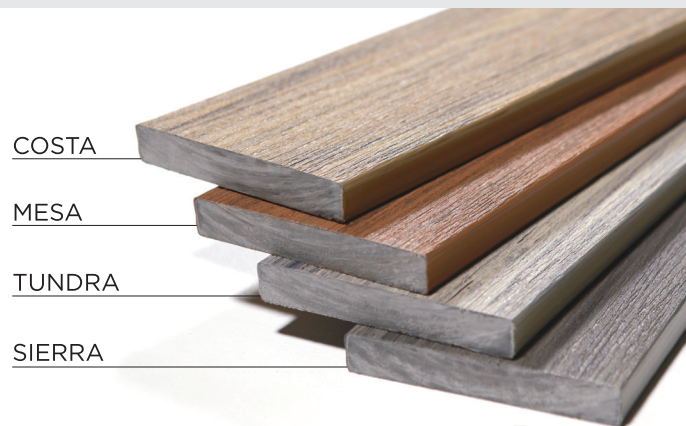
EOVATIONS™ TECHNOLOGY

Since its creation in 2007, Eovations™ technology has perfected the substrate found in composite decking. This unique process starts with a mixture of polypropylene and calcium carbonate that's pull extruded for cavitation. Cavitation creates tiny air pockets that keep the boards lightweight, but with a fiber-like structure similar to wood, giving it unmatched strength.



THE BEST OF BOTH WORLDS

The Eovations™ process creates a deck board that is lighter; however, unlike PVC and other composites, Permadeck Voyage Decking won't splinter, sag, chalk or crack. In addition, there are no organic materials to absorb moisture, it's unaffected by the sun, and it's microbe-resistant.



COSTA

MESA

TUNDRA

SIERRA

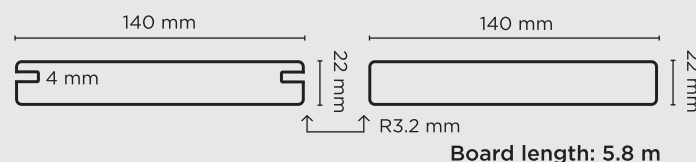
PERMADECK CONCEALED FASTENER

Black head on **316 stainless steel screw** and UV stables HDPE clip.

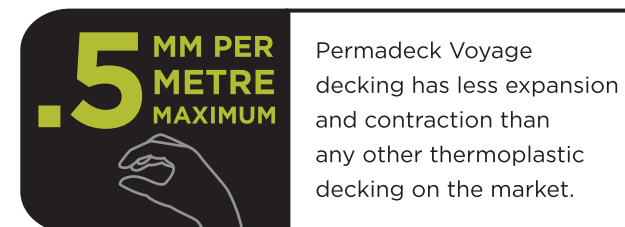


PROFILES

Slotted-edge decking gives a clean, fastener-free appearance to the surface of your deck. Permadeck hidden fasteners are a perfect way to discreetly secure deck boards to joists using the slotted edges.



How does Permadeck Voyage decking stack up?



TIPS AND VIDEOS



See more about Permadeck Voyage decking by viewing the link below:

<https://youtu.be/Oq8f7QdxflI>

25 YEAR
STRUCTURAL

25 YEAR
REMOVAL &
REPLACEMENT

25 YEAR
STAIN & FADE

PERMADECK LIMITED WARRANTY