



# Svinyl Co

## *Svinyl Deluxe Decking*

*Premium Capped Wood-Polymer Composite Decking  
weather, chemicals, stain, mold, scratch & UV resistant*

Product Catalog

January 2022

<https://svinyl.co>



Svinyl Deluxe Decking, capped wood-polymer composite decking ( pass the 6000-hour Outdoor Weathering Must Verify Accelerated Testing, which is above level 4 ) is low maintenance and easy to clean.

Capped wood-polymer composite decking is one of the best outdoor decking in WPC decking industry, high surface hardness ( 82HDB ), Thermal Cycling Test ( 82°C~-40°C ), low dimensional chang (  $\leq 0.3\%$  ), no heavy metals, no formaldehyde, which meet the international standards for your decking project.

More than 20 patented technologies Raw materials imported from Germany					
Class	Feature	Lifetime	Ingredient	Warranty	Application
Capped wood-polymer composite	Natural wood grain Nonslippery Weather resistant Fire Retardant	25 years	Wood Plastic Calcium Additive	18 months	Construction Decoration Coastal Area Garden Mountain Forest

## **E0 Environmental Protection**

Environment protection reach European E0 Standard, no harmful gas released when burning

## **Long Life**

The service life is 10 times of natural wood and no need to paint and maintain

## **Fire Retardant**

Self-extinguishing and no toxic gas release with fire retardant class B



## **Waterproof and Moistureproof**

Effectively prevent perishable and swelling deformation in a humid and watery environment problem

## **Insect and Ant Proof**

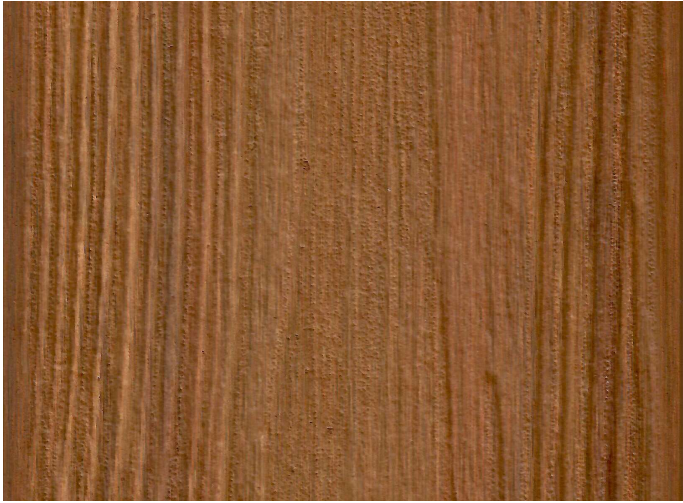
Prevent wood decay from all kinds of insects

## **Feel like real wood**

The wood look and feel like a real wood. There are 12 colors to choose



## *Horizon Series*



**Horizon 1**



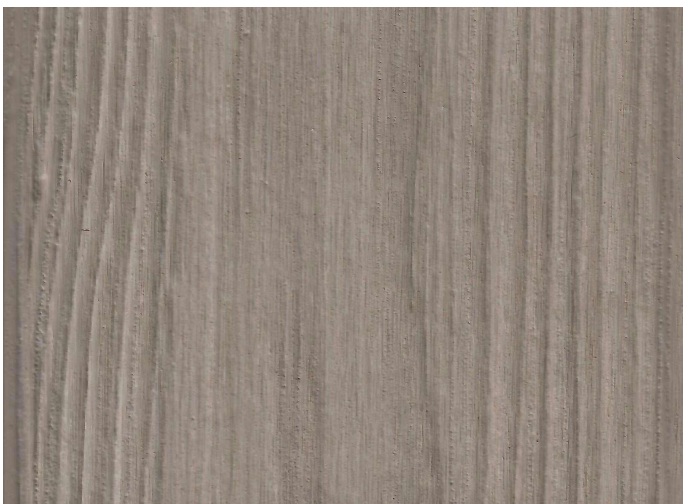
**Horizon 2**



**Horizon 3**



**Horizon 4**



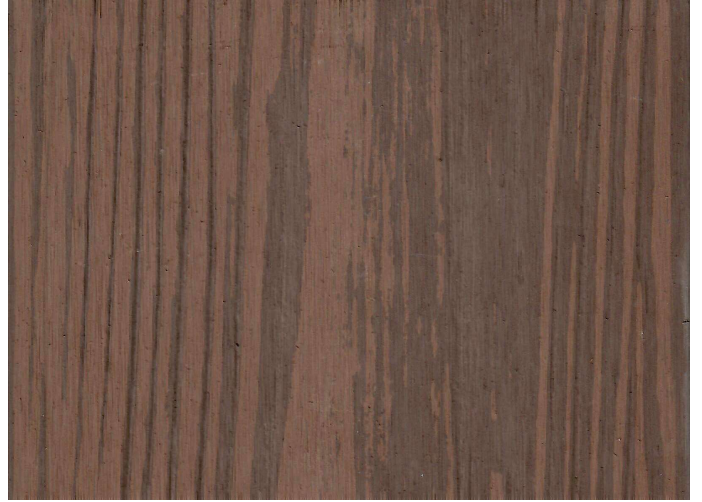
**Horizon 5**



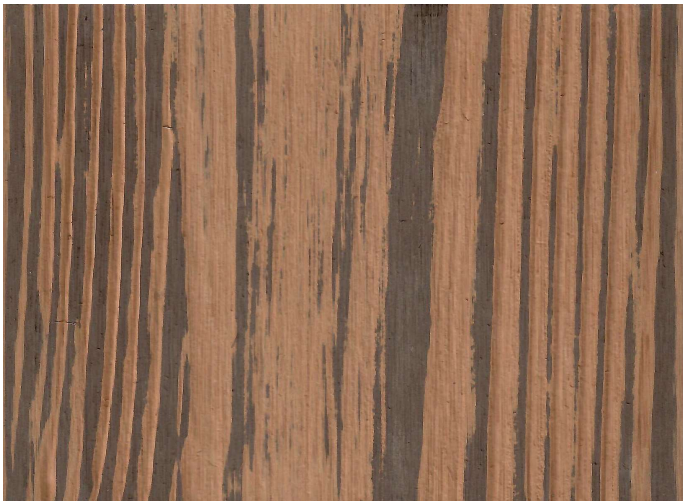
## *Garden Series*



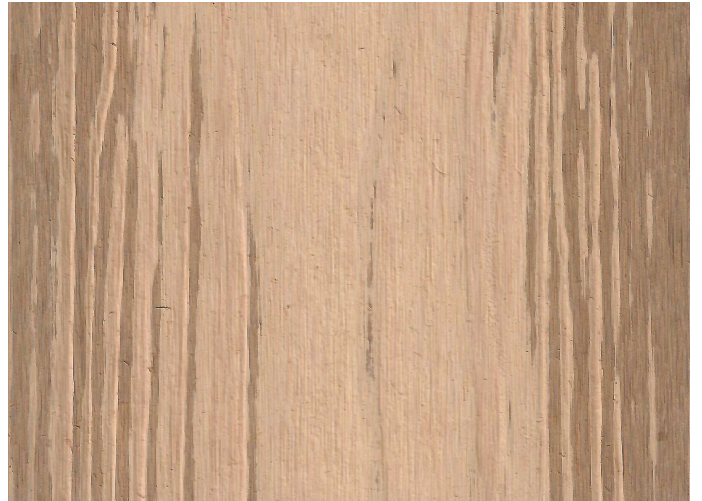
**Garden 1**



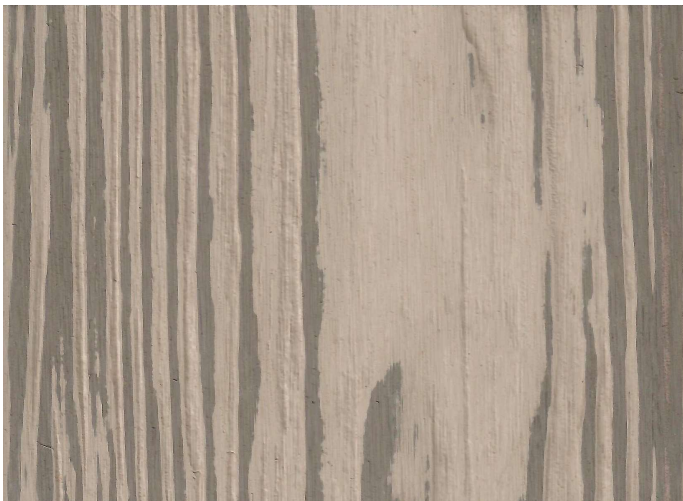
**Garden 2**



**Garden 3**



**Garden 4**



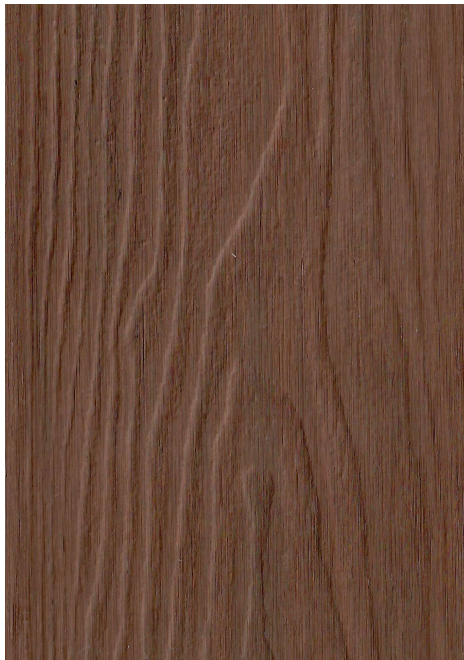
**Garden 5**



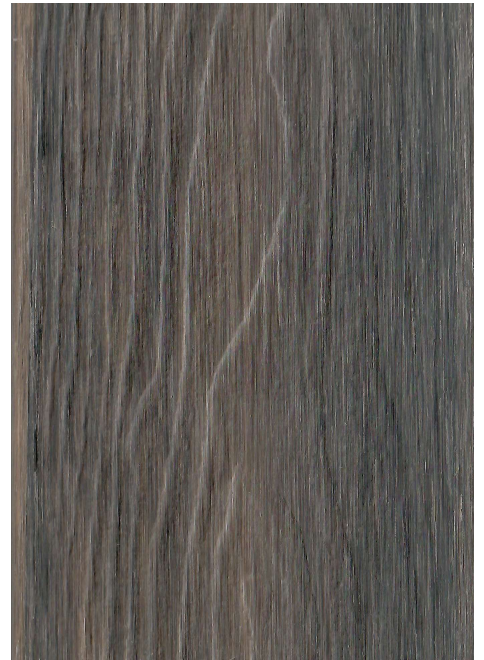
## *Metro Series*



**Metro 1**



**Metro 2**



**Metro 3**



**Metro 4**



**Metro 5**



**Metro 6**

## Specification



### Svinyl Deluxe Decking

*Apply in decking, railling, cladding, parapet, trail, flower box, pergola, bench and more*

Solid



Round Hollow



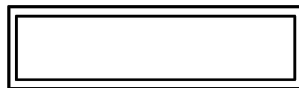
Item	WxHxL mm	Section	Weight	Sqft
ASA13822	138x22x2100	Round Hollow	2.4	3.1194
ASA14024	140x24x2100	Solid	2.61	3.1646
ASA21024	210x24x2100	Solid	4	4.7469



### Svinyl Retangular Tube

*Apply in fencing, handrail, parapet, bench, pergola and more*

Single



Double



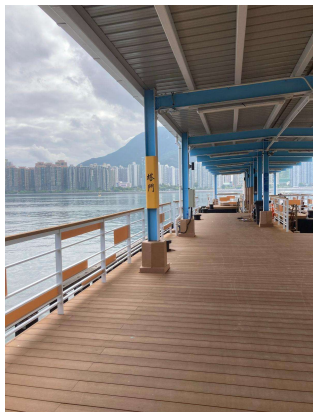
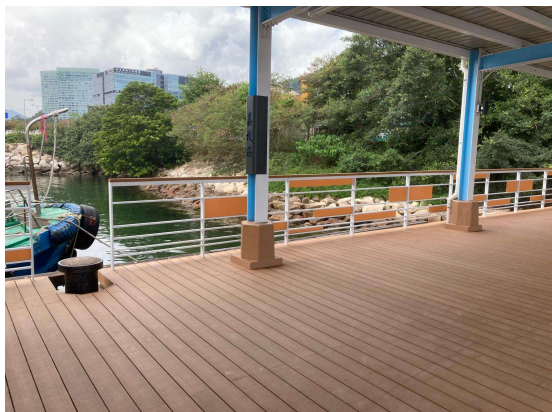
Triple



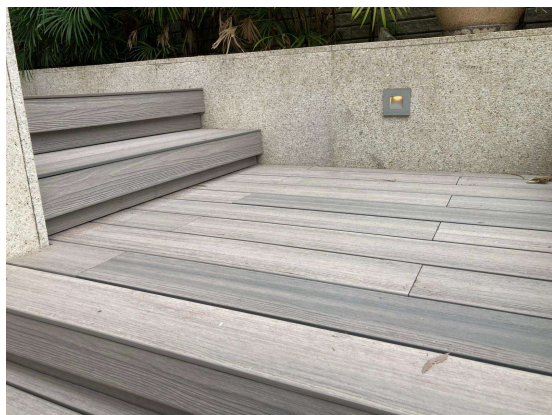
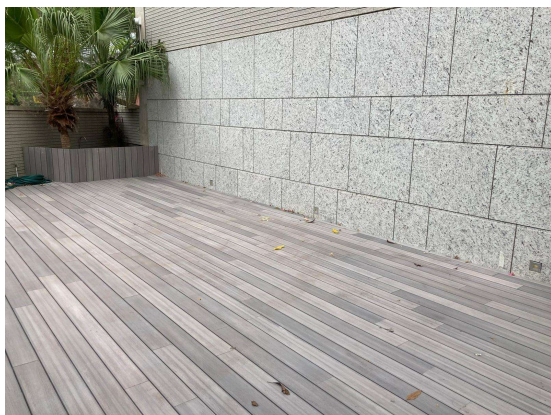
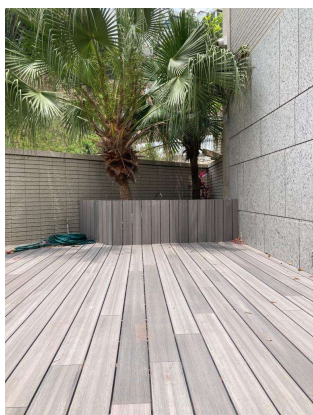
Item	WxH mm	Section	Weight
RT050025	50x25	Single	0.5
RT050050	50x50	Single	0.75
RT070020	70x20	Double	0.79
RT095095	95x95	Single	2.79
RT100050	100x50	Double	1.6
RT100100	100x100	Single	2.01



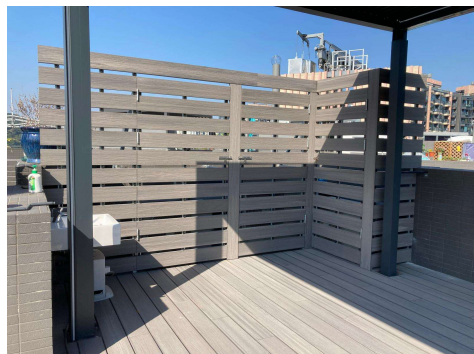
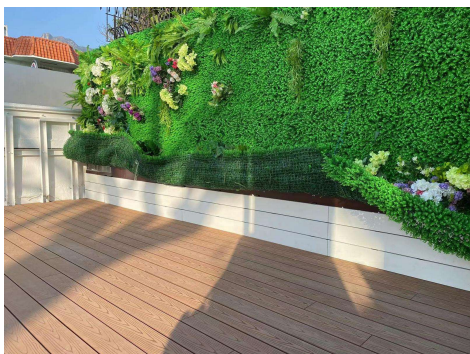
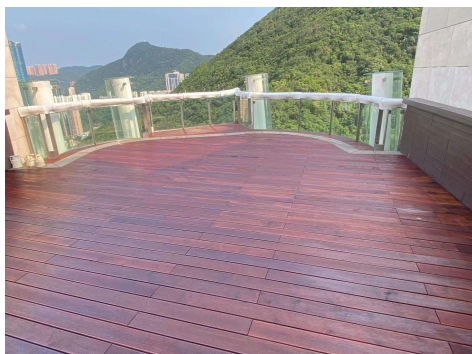
## Projects



Ma Liu Shui Pier Shatin



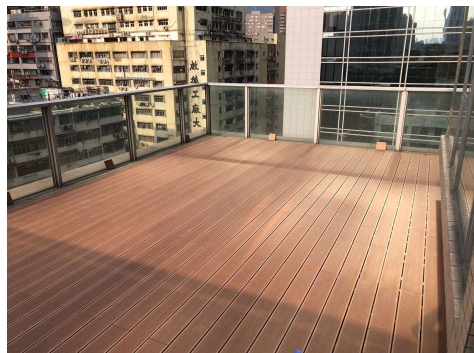
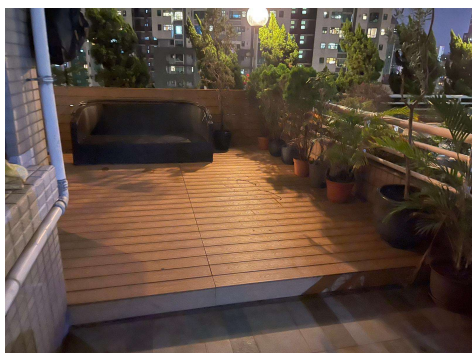
Peak Castle Tuen Mun



Opus Hong Kong

Kowloon Tong

The Regent Taipo



Panorama Garden Robinson

Belcher's Hill Kennedy

Mikiki San Po Kong



# Test Report

Wet Pendulum		AS 4586:2013	Direction	Pendulum SRV	P5
			0°	62	
			45°	83	
			90°	72	
Oil-wet Inclining Platform		AS 4586:2013	Angle: 21.3°		
			Classification: R11		
Fire		AS ISO 9239.1-2003(R2016)	Critical Flux (transverse), kW/m²		≥11
			Critical Flux (longitudinal). KW/m²		≥11
			Smoke Production, % minutes		116
Shore D hardness		ISO 868:2003	Mean value	73.5	
Coefficient of Linear Thermal Expansion		ASTM D7031-11(2019) & ASTM D696-16	Mean value	42.8x10° mm/mm/°C	
Resistance to indentation		EN 15534-1:2014	Brinell hardness: 28 MPa		
		EN 15534-4:2014	Rate of elastic recovery: 38%		
Falling mass impact resistance	EN 15534-1:2014 EN 15534-4:2014	Type: Solid profile  Max. Residual Indentation(mm): 0.15	None of 10 test specimens shall show a failure with a depth of residual indentation ≥ 0,5mm		Pass
Abrasion resistance		ASTM D7031-11(2019)& ASTM D4060-19	Weather Index: 99.9		
Flexural Properties		ASTM D7032-17	Flexural Strength (MOR): 21.6MPa		
		ASTM D6109-19 Method A	Flexural Stiffness (MOE): 1673MPa		
Moisture Absorption and Thinkness Swell		ASTM D7031-11(2019)	Water Absorption: 1.48%		
		ASTM D1037-12(2020)	Thickness Swell: 0.13%		
Creep-Recovery		Average	85.00%		
		Max. total deflection	2.59mm		
		Max. unrecovered deflection	0.56mm		
Density		EN 15534-1:2014+A1:2017 ISO 1183-1:2012 Method A	Core: 0.815 g/m³		
			Outer Layer: 1.2 g/m³		
Soluble elements analysis in non-surface coating materials		ASTM F963-17	ND		
Phthalate Content		CPSC-CH-C1001-0.9.3	ND		
Formaldehyde Content		ASTM D6007-14	ND		

## Svinyl Co

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## Contact Us

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