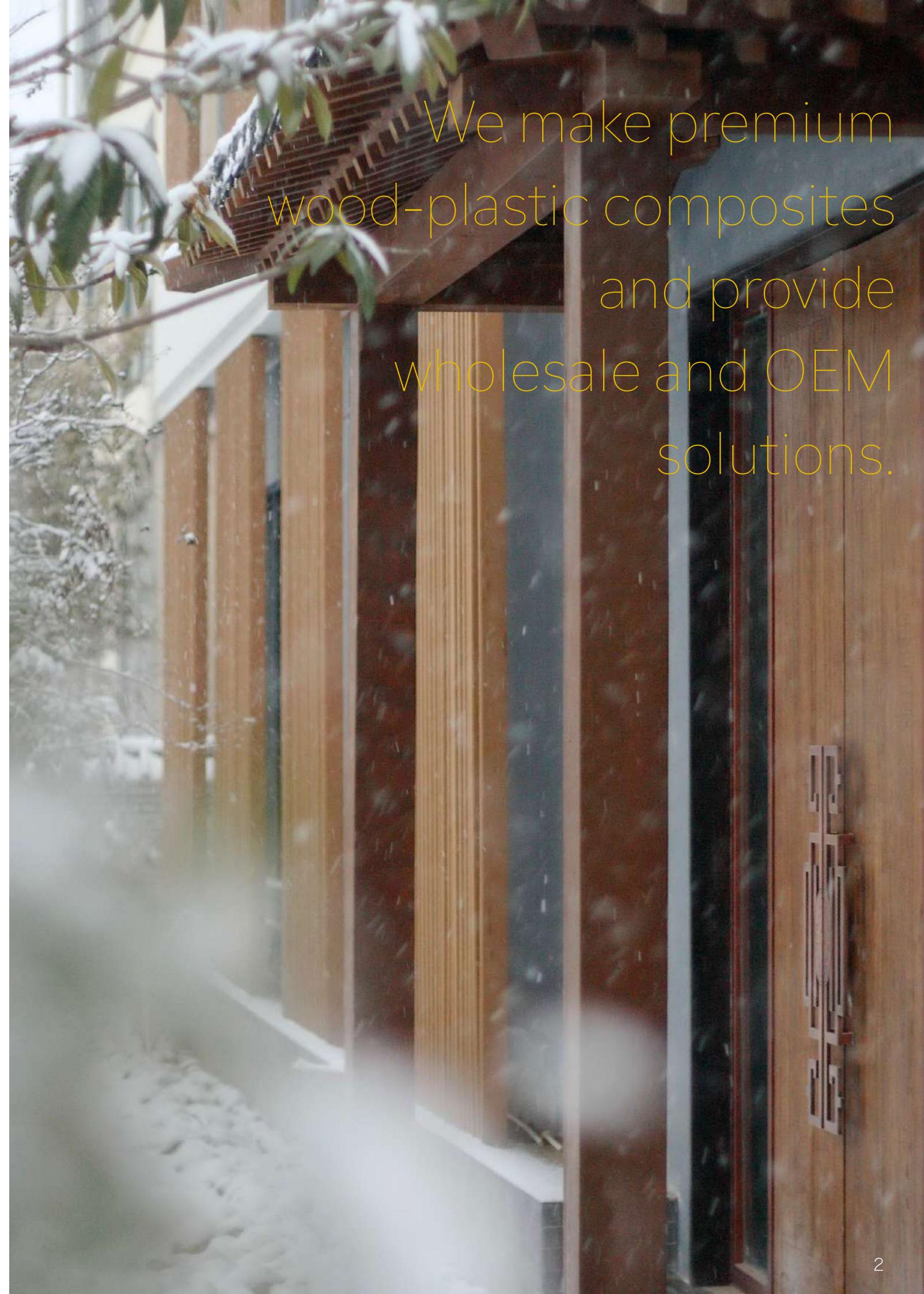




# MYRD

We are the **ONLY**  
manufacturer in China  
with a **PATENT** in  
multilayer co-extrusion  
techniques.

We make premium  
wood-plastic composites  
and provide  
wholesale and OEM  
solutions.



Simply, we offer you the best value  
**for your money.**



#### Natural wood appearance

But won't rot, split, splinter or crack and is fade and stain resistant



#### Low maintenance

Soap and water cleaning, no seasonal maintenance required



#### Water resistant

Perfect for use in damp and humid conditions



#### All weather use

Tested with temperatures from -40°C to 80°C



#### Mould & mildew proof

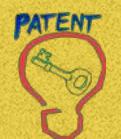


#### Insect resistant



#### Eco-friendly

Made from recycled wood flour and fully recyclable



#### Patent approved

Our proprietary co-extrusion production method is patented

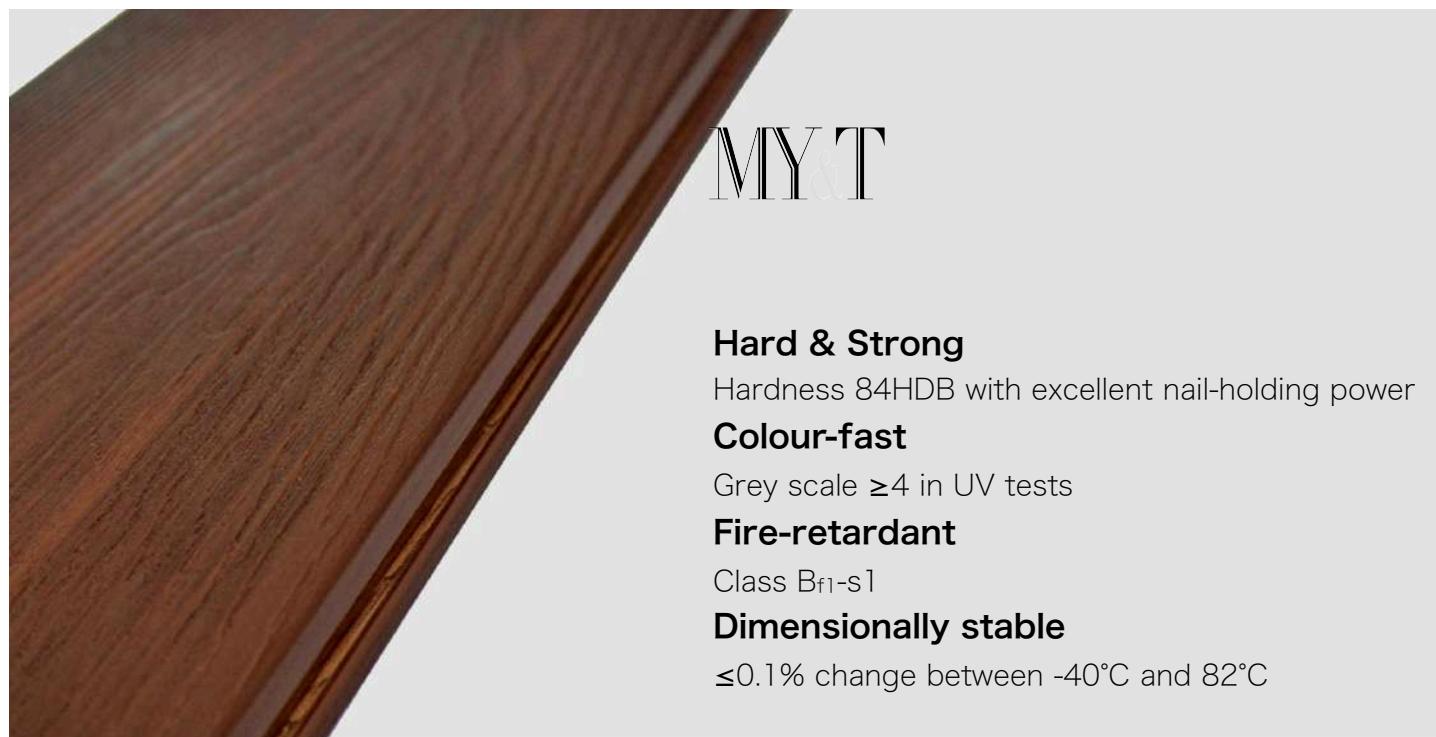
# Specifications

<b>Plastic substrate</b>	New PVC/ASA from renowned supplier
<b>Process</b>	Co-extrusion
<b>Dimensional stability</b>	Excellent - shrinkage rate $\leq 0.1\%$ (-40 to 82°C)
<b>Flammability</b>	Fire resistant (Class B <sub>fl-s1</sub> in European Standard EN 13501-1)
<b>UV Weathering Test</b>	Excellent - Grey Scale maintains $\geq 4$ in 1000h xenon-arc exposure test for PVC coating, and 6000h test for ASA coating
<b>Surface hardness</b>	Excellent - 84HD Shore Hardness
<b>Recyclability</b>	Good - The plastic maintains its properties enabling further recycling.
<b>Nail-holding capacity</b>	Excellent - Maintains good holding power after multiple re-insertions.
<b>Foaming</b>	Microcellular foaming (0.9–1g/cm <sup>3</sup> ) Increased impact strength while maintaining good dimensional stability and toughness.
<b>Wood fibre</b>	100-mesh (0.125~0.15mm)
<b>Other fillers</b>	Light CaCO <sub>3</sub> (nanoscale powder)

# Why Us?

MY&T Co-extruded composite	Vs.	Other PE/PP composite
New PVC/ASA from renowned supplier	<b>Plastic substrate</b>	Recycled PE/PP, inconsistent quality
Shrinkage rate commonly 0.2-0.6% for PVC	<b>Dimensional stability</b>	Poor - shrinkage rate commonly 1.8-2.5% for PP, and 1.5-3.6% for PE
Fire resistant - Class B <sub>fl</sub> -s1 in European Standard EN 13501-1	<b>Flammability</b>	Flammable
PVC coating passed 1000h xenon-arc exposure test, ASA coating passed 6000h xenon-arc exposure test, Grey Scale maintain ≥4	<b>UV Weathering Test</b>	Varies, rarely passes 500h xenon-arc exposure test
~84° (Shore Hardness Scale)	<b>Surface hardness</b>	65°~72°
Material maintains its properties enabling further recycling	<b>Recyclability</b>	Poor. The plastic loses its intrinsic properties in previous uses and is no longer recyclable.
Maintains good holding power after multiple re-insertions	<b>Nail-holding capacity</b>	Medium to Poor. Pilot hole required. Loses holding power after first insertion.
Microcellular foaming (0.9-1g/cm <sup>3</sup> ) increases impact strength while maintaining good dimensional stability and toughness	<b>Foaming</b>	No foaming. Poor mixed recycled plastic is brittle. Extra fillers are required to increase stability, which reduces toughness significantly.
100-mesh (0.125~0.15mm)	<b>Wood fibre</b>	40 to 60-mesh (0.6~0.45mm)
Light CaCO <sub>3</sub> (nanoscale powder)	<b>Other fillers</b>	Heavy CaCO <sub>3</sub>

We use the **best ingredients** to ensure our premium quality.



MY&T

### Hard & Strong

Hardness 84HDB with excellent nail-holding power

### Colour-fast

Grey scale ≥4 in UV tests

### Fire-retardant

Class B<sub>fl</sub>-s1

### Dimensionally stable

≤0.1% change between -40°C and 82°C

MY&T PROUDLY PRESENTS



OUR **NEWEST FLAGSHIP**

ASA-PVC CO-EXTRUDED COMPOSITE DECKING

Simply, its beauty lasts **much longer.**



Water resistant



Termite resistant



Mold & Mildew resistant

## Insiide and out



Microcellular **PVC-wood composite core**

Strong and dimensional stable  
while maintains excellent hardness

**Lighter, but much better.**



**ASA Shield** offers the **best UV stability**

and **durability**

that PE cannot compare.

Assembled easily with two types of fasteners providing different gap width preferences



T-Fastener



Mini Gap Fastener



~ 6mm



~ 2mm

30  
year  
warranty

MY&T *Elite* Elegant natural look comes in **five**.

PEBBLE



SLATE



WALNUT



REDWOOD



MERBAU



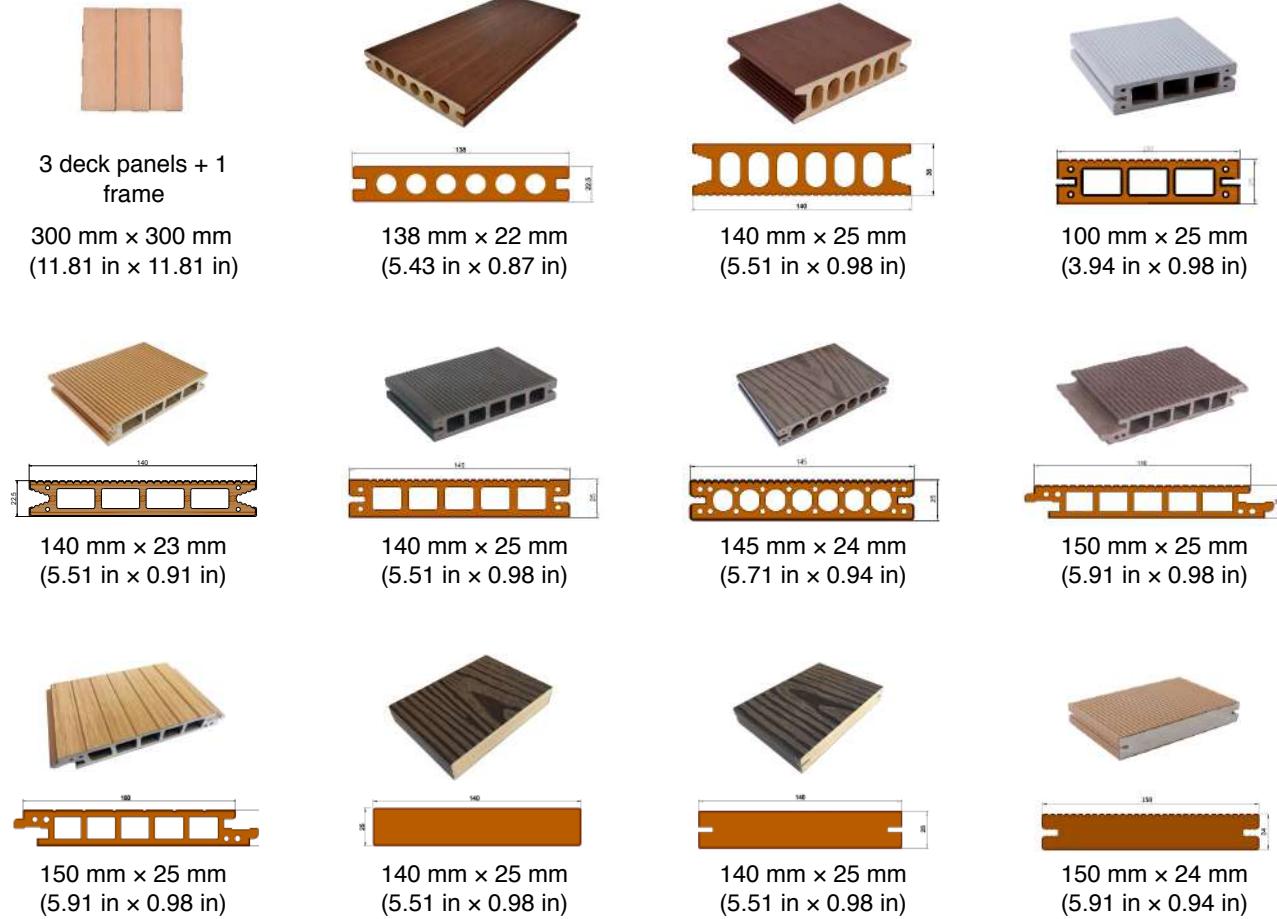
# S MY&T Elite Specifications

Coating *	ASA - has the best durability and weatherability	UV Stability *	Grey Scale $\geq 4$ after 6,000h UV exposure
Core	Microcellular PVC-wood composite - strong and dimensional stable while maintains excellent hardness	Swelling & Water Absorption *	Water resistant inside & out $<0.1\%$ in thickness, width and length (20°C water, 24h)
Process	Co-extrusion	Surface Hardness *	82HD (Shore Hardness)
Size	138mm x 22mm	Nail-holding *	Good holding power maintained after multiple re-insertions
Warranty *	30 years	Mass *	$\sim 1\text{ g/cm}^3$ , $\sim 30\%$ lighter than PE composites, but better
Dimensional Stability *	Shrinkage rate $\leq 0.1\%$ (62°C for 24h then RT)	Wood Fibre *	100-mesh (0.125~0.15mm)
Flammability	Fire resistant (Class Bfl-s1)		

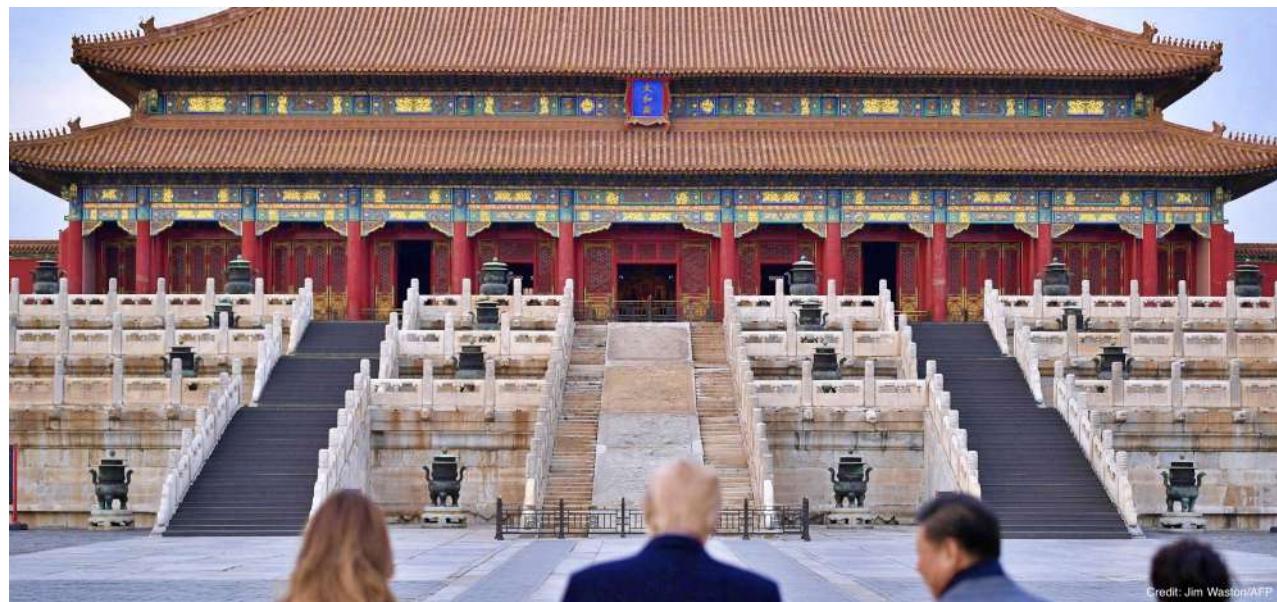
\* These properties exceed those of most, if not all, PE-based composite decking products in the market.

# Decking

MY&T



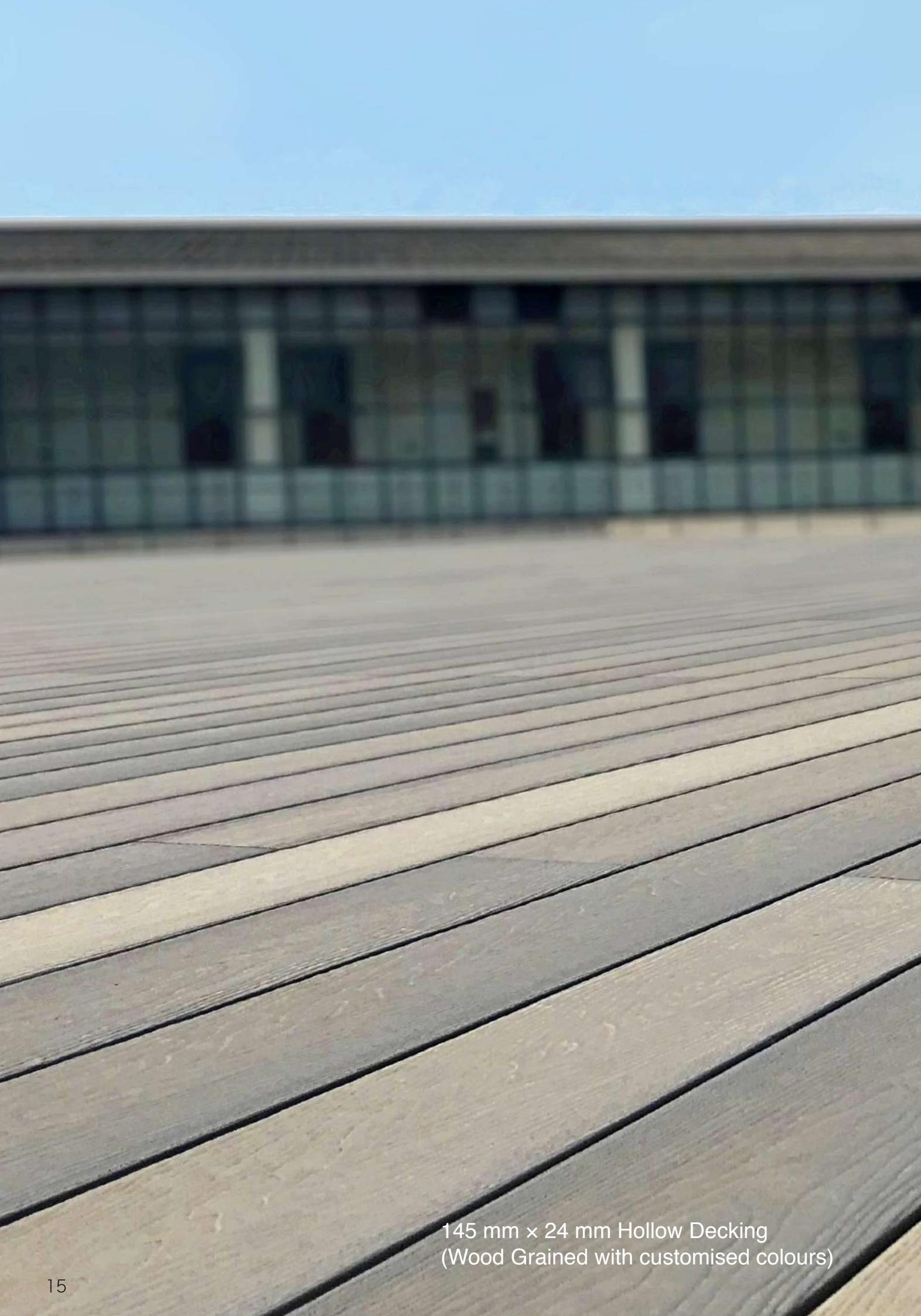
145 mm x 24 mm Hollow Decking (Grooved)



150 mm x 16 mm customised Deck Panels for Fencing (Grooved)

97 mm x 10 mm Solid Decking (Wood Grained)

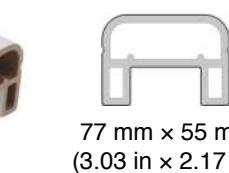




145 mm x 24 mm Hollow Decking  
(Wood Grained with customised colours)



77x55 Rail

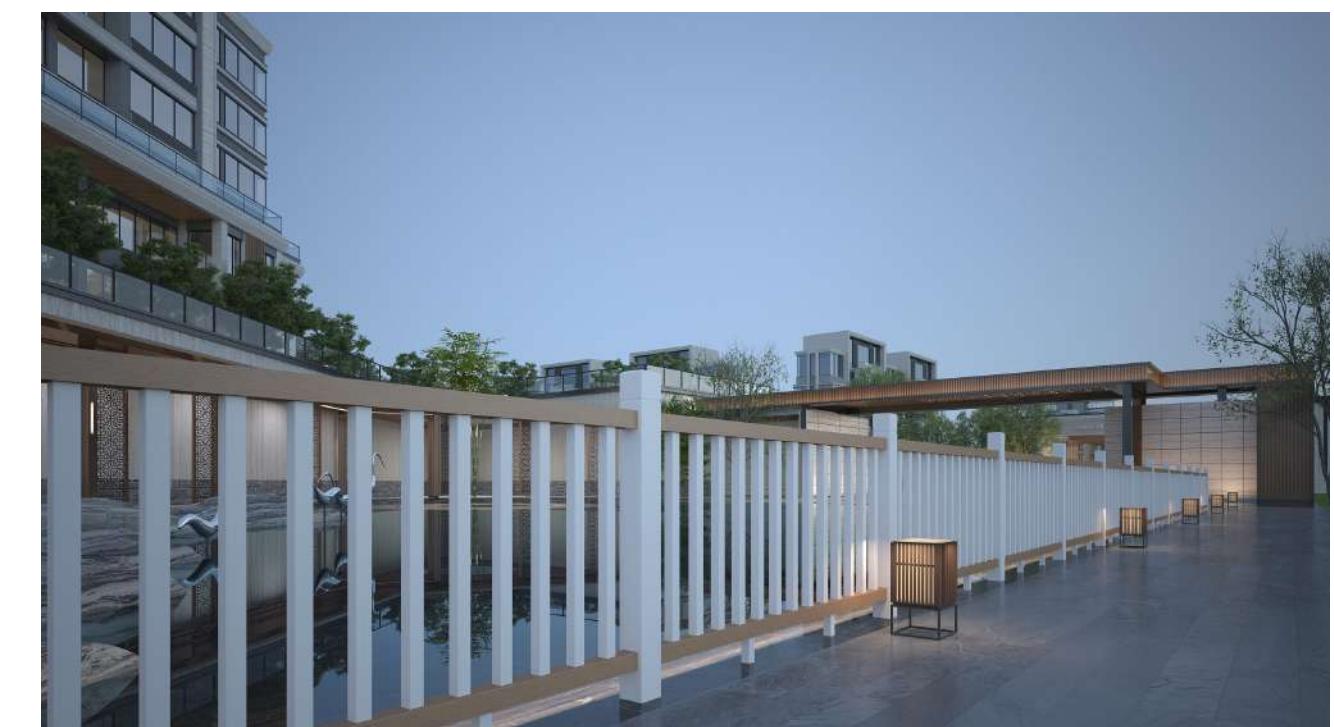


77 mm x 55 mm  
(3.03 in x 2.17 in)

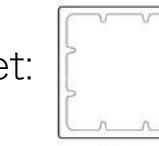
64x57 Rail



64 mm x 57 mm  
(2.52 in x 2.24 in)



77x55 Railing Set:



95x95 Hollow Post



95x95 Post Cap



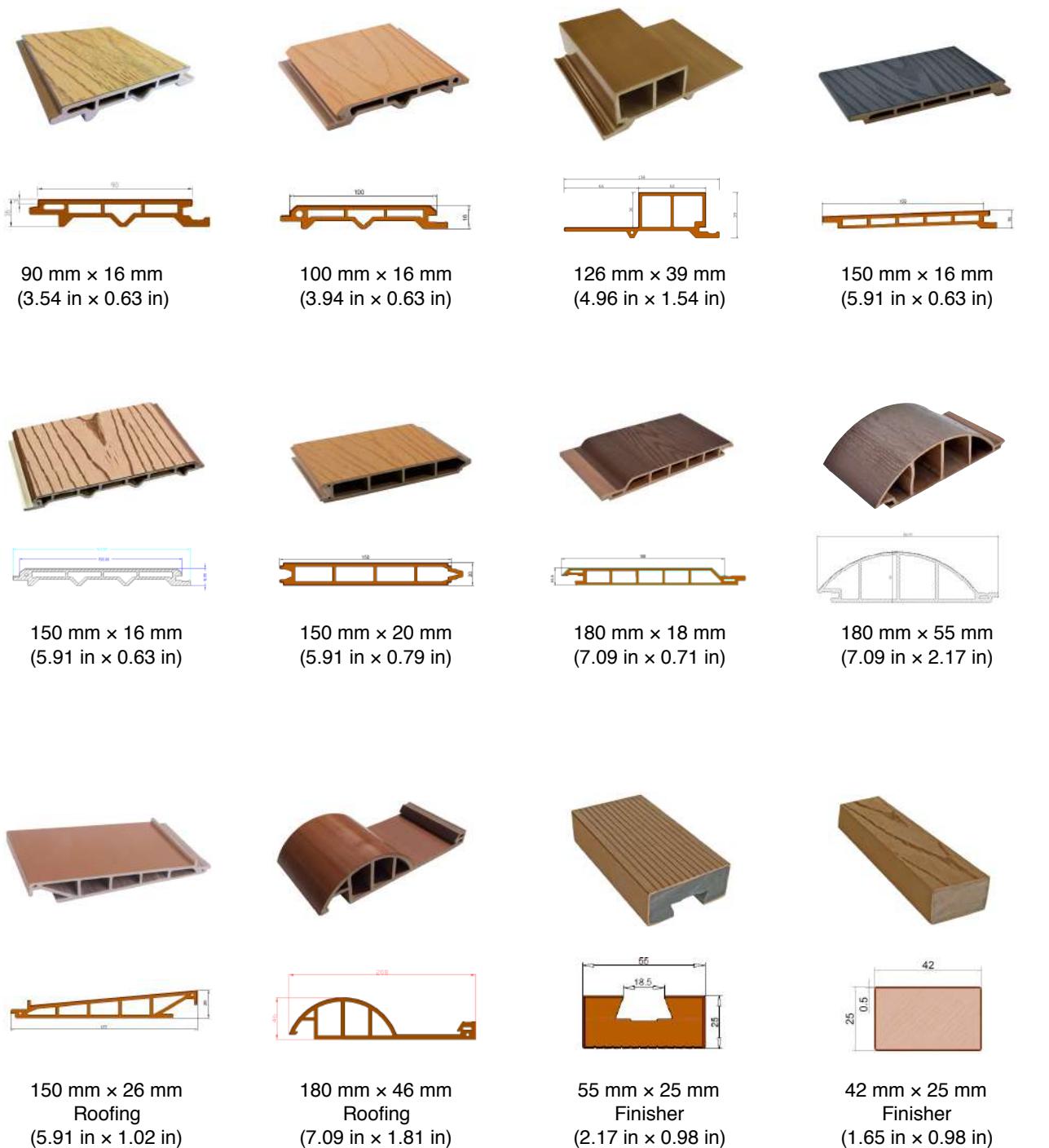
38x38 Hollow Baluster

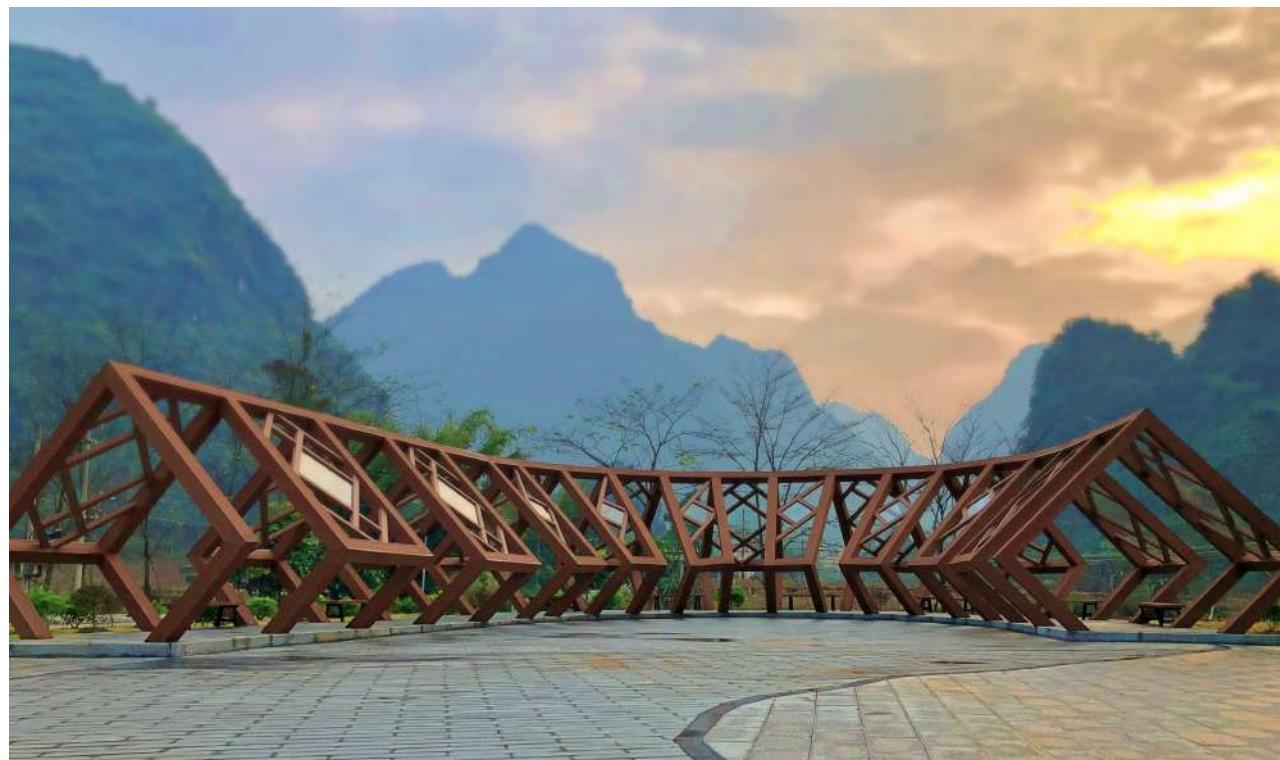


77x55 Rail



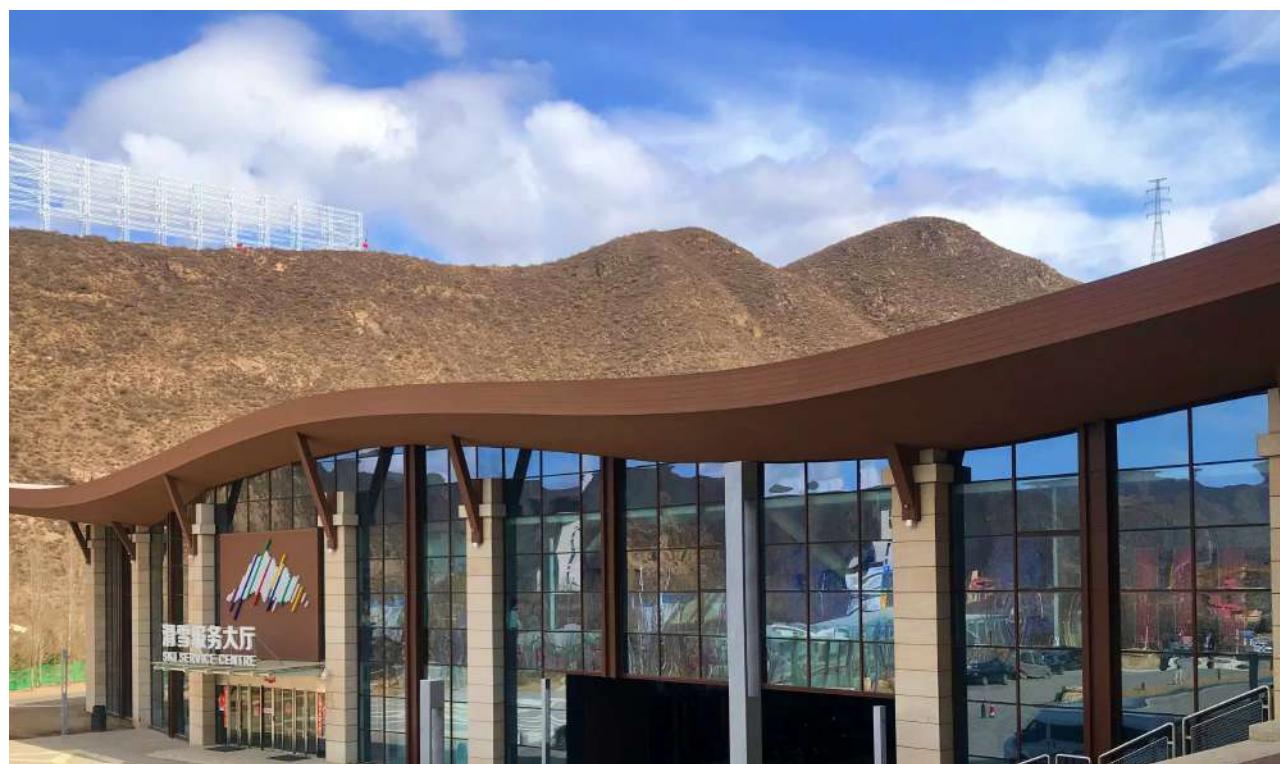
# Cladding





200 mm x 8 mm cladding for civic arts

150 mm x 16 mm Wall Cladding (Wood Grained)



## Profile & Board



75mm x 75mm  
Hollow Profile



40mm x 20mm  
Hollow Profile



38mm x 7mm  
Hollow Profile



50mm x 25mm  
Hollow Profile



70mm x 15mm  
Hollow Profile



70mm x 20mm  
Hollow Profile



50mm x 50mm  
Hollow Profile



60mm x 45mm  
Hollow Profile



90mm x 35mm  
Hollow Profile



90mm x 50mm  
Hollow Profile



90mm x 40mm  
Hollow Profile



100mm x 50mm  
Hollow Profile



100mm x 100mm  
Hollow Profile



135mm x 135mm  
Hollow Profile



150mm x 50mm  
Hollow Profile



150mm x 80mm  
Hollow Profile



71mm x 38mm  
Solid Profile



50mm x 15mm  
Solid Profile



50mm x 3mm  
Solid Fencing



120mm x 8mm  
Solid Board



200mm x 8mm  
Solid Board



300mm x 8mm  
Solid Board





50 mm x 25 mm Profile (Sanded)

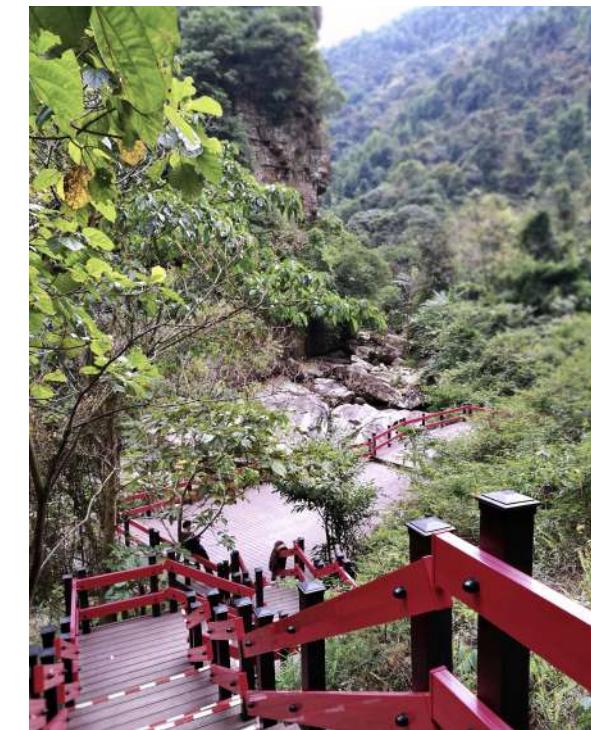


MY&T Chinese Pavilion System

90 mm x 50 mm Profile for Balcony Grilles

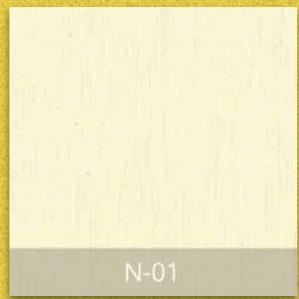


Various uses of our composite profiles



MY&T

## PVC-Wood Co-extruded Composite





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