



YOUR BEST CHOICE
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GALAXY·ALUMINUM COMPOSITES

Shantou Wallong Technology Ltd



Fire-Resistant

HDPE

FSC

GALAXY·ALUMINUM COMPOSITES

Decking | Tube | Cladding

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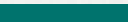
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About Wallong

——A Leading Composite Manufacturer



Founded in 2008, Wallong Technology Ltd has more than 15 years of WPC production and industry experience, providing high-quality composite products and services at domestic and abroad. Well-known for innovations and quality, Wallong become one of the leading composite manufacturers in China.



Our factory

Wallong factory locates in Shantou City, Guangdong province, with 50 production lines at the latest, over 250 workers, and an expanding occupied area of 40000 square meters.

Our business

Wallong produces various outdoor environmental WPC decking, wall cladding, deck tiles and post, develops more durable composite products to offer solutions to commercial, residential, and industrial buildings and to create a beautiful outdoor living.

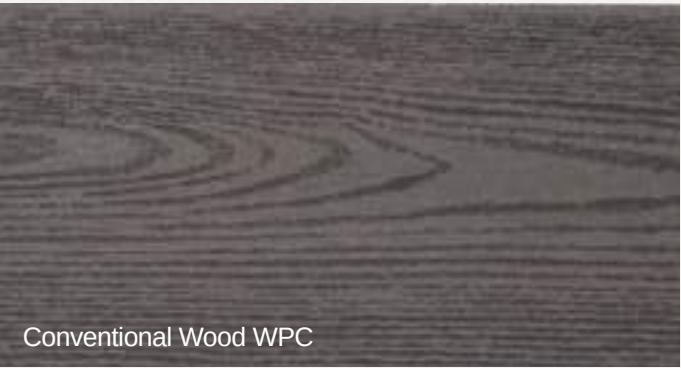
Missions

From 1st generation (Conventional Wood WPC) to 3rd generation (ACME Wood Co-extrusion WPC), then to the Alu Composite in 2022, Wallong always aims to explore the value contained in composite wood by taking environmental protection as the development concept.

As the first innovator and manufacturer of Alu Composite system in the market, Wallong input a lot of energy on studying and innovation the new technology. Wallong devoted lots of energy to studying and innovating the new technology.

We carefully consider every element that goes into our products for durability, and environmental impacts. We plan for the full lifecycle of our products, carefully crafting pieces that are not only long-lasting but also recyclable so nothing goes to waste.

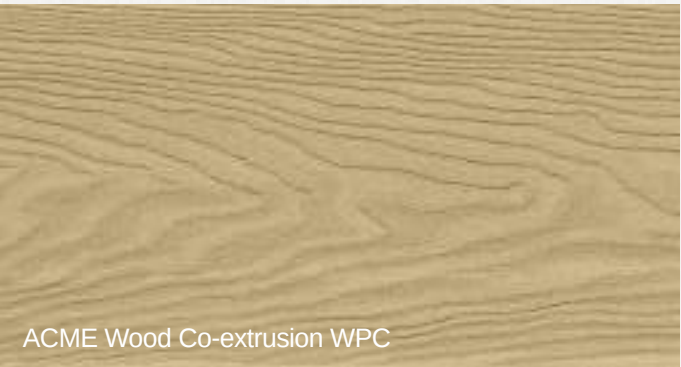
Wallong products development history



Conventional Wood WPC



Superior Wood Co-extrusion WPC



ACME Wood Co-extrusion WPC



Galaxy-Aluminum Composites

From 2009

Conventional Wood WPC

Wallong's 1st generation of innovative technology, possessing natural wood appearance and gorgeous aesthetic.

From 2015

Superior Wood Co-extrusion WPC

Wallong's 2nd generation of updated technology, has the most ideal layer of all four sides with the use of antioxidants, colorants and UV inhibitors.

From 2018

ACME Wood Co-extrusion WPC

Wallong innovated the 3rd generation WPC, bringing new concept and revolutionary breakthrough to WPC decking. Soft elastic shield, achieves ultra anti-slip, sound absorption and super hard-wearing remarkable performance.

From 2022

Galaxy-Aluminum Composites

Wallong's newest composite products of the exclusive innovative technology, which is a composite material with polyethylene and aluminium.



Unprecedented Creativity of Wallong Galaxy-Aluminum Composites

Wallong Galaxy-Aluminum Composites combines with co-extrusion WPC tube and aluminium, which enhances the stability of overall structure. Plus, this new Galaxy-Aluminum Composites tubes coating with a nice plastic is ultra-light, strong and with natural wood texture, and it has long life span, at least 25 years. Details' perfection, workable like natural wood, attractive looking, strong like aluminium.



Multiple color options

Life is more than just exciting, and so is our aluminum plastic series products. Colorful colors provide different visual experiences for your outdoor activities, and there is always one that meets your needs. Taking beauty as the foundation, dedicating oneself to research and development, paying attention to every detail, just to make your outdoor life more beautiful and desirable.



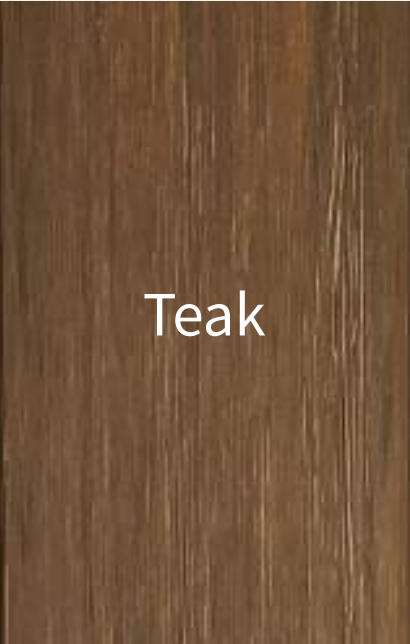
OAK



Antique



Grey



Teak



Walnut



IPE

Why Choose Galaxy·Aluminum Composites

Wallong Galaxy·Aluminum Composites offers a new and delicate material to designers. With the natural wood appearance, it offers a long lifespan without any maintenance. It leaves all the joy for the outdoor experience for any applications, saves all the time to enjoyments and saves all the cost to anywhere needed. Base on its flexibility, it evokes architects to create more brilliant designs.



Wallong Galaxy·Aluminum Composites



Wood



WPC



Lacquered Alumium

Compare with other products

Benefits	Wood	Lacquered Aluminum	WPC	Wallong ALU Composites
Natural wood look	✓		✓	✓
Light weight		✓		✓
UV resistance			✓	✓
Rot proof		✓	✓	✓
Environmentally friendly			✓	✓
Maintenance free			✓	✓
Easy to install			✓	✓
Resistant to insect		✓	✓	✓
Bendable performances		✓		✓
No expansion&contraction		✓		✓
Higher mechanical strength		✓		✓
A ready-to-use product			✓	✓
No need for staining, painting or other finishing			✓	✓

GOOD FOR DELIVERY,CARRYING, STORAGE AND INSTALLATION

LIGHT

Compared with other compoite products, Galaxy·Aluminum Composites is still on the top. The original core material wood firbers composites is replaced by alumium. Therefore, Wallong Galaxy·Aluminum Composites has good advantages of light weight, higher mechanical strength and bendable performances. Higher mechanical strength makes it durable for using, meanwhile helps you save cost of other support material.

Also, it can be produced in more complex shapes which WPC can not easily reach. What is more, Galaxy·Aluminum Composites has good versatility and broad applications, it evokes architects and designers' idea to create more talent designs and it is also a best material choices for them to achieve their design objectives .



Deckings Products:

Only a simple product cross section is displayed, more profile and details, please turn to page 22-23.



WL-ALD13923M



WL-ALD13923

DURABLE

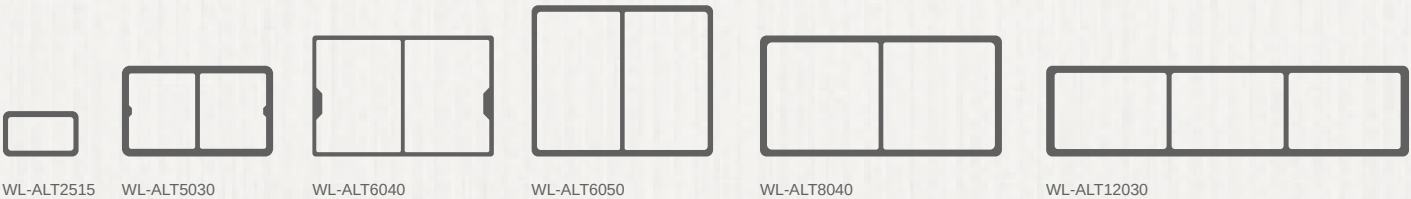
If you only concern with Galaxy-Aluminum Composites, railing or louvers is something strong that will last for decades and rarely needs upkeep, then Galaxy-Aluminum Composites will be your best option.

Galaxy-Aluminum Composites can essentially handle every type of weather, its strength with the wrapping of PE which makes it strong enough to stand against any damages.

In addition, since this material is impervious to moisture, it won't warp, shrink, twist, crack, or splinter as wood does, nor is it attractive to mold or rot as many of the timber tend to be.

Tubes Products:

Only a simple product cross section is displayed, more profile and details, please turn to page 22-23.



EASY AND CONVENIENT INSTALLATION

EASY

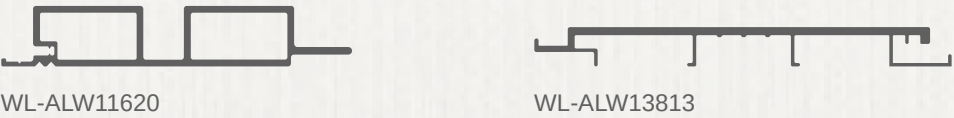
Galaxy-Aluminum Composites Product is no need for additional staining, painting or other finishing, its nice natural wood looking is perfectly formed when come out from machines, it is a ready-to-use product.

Its cap formula can be added agents of anti-UV and anti-mould etc., and it can be made in colors whatever you like.



Claddings Products:

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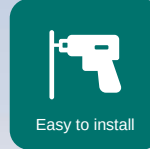
Environmental
Eco-friendly



Light weight
and high Strength



No cracking
or splintering



Easy to install



Dimension Stability

Advantages of Galaxy·Aluminum Composites

- Maintenance free
- UV and mould resistance
- Dimension stability
- Durable for more than 25 years
- Natural wood texture
- Eco-friendly and 100% recycled
- More flexibility to design
- Fire-Resistance class: Bs3d0 available on request



Applications of Galaxy · Aluminum Composites

For environment improvement and resources reservation, Wallong Galaxy·Aluminum Composite as a new type of construction material has been created to replace the wooden beam.



Scan for more

Wallong Galaxy Aluminum Composite is a high technology architectural system which is a composite material with polyethylene and Aluminium. The co-extrusion wpc bonded with aluminium technology is first exclusive innovated by Wallong Technology, which is a significant breakthrough in Wood Plastic Composite industry.

Why choose?

Wallong Galaxy·Aluminum Composite System is made from polyethtlene and aluminium materials, which is resistant to moisture, meaning no cracking or splintering from contraction and expansion like traditional wood.



Galaxy·Aluminum Composites
Projects Show





Featured Applications

Wallong’s modern manufacturing facility is designed with “state of the art” equipments, allowing us to efficiently produce a high quality products with minimal environmental impact.

By using an aluminium hollow structure, the Alu Composites is much lighter and stronger than solid wood or stainless steel tubes to make the installation process much easier and it could reduce production,transport and construction costs.



Scan for more

Featured Applications

Wallong Galaxy-Aluminum Composite is fully water-resistant, which allows them to be installed in high moisture conditions without decaying. Without the regular application of stains, sealers or paint, Wallong Alu Composite tube is hard to warping, cracking and even rotting.

With more different profiles, it can be applied in more than decking and wall cladding, but also pergolas, ceiling, roofing, screening, fencing, railing, balustrades, handrails and other decorative architectural showpieces.



Tubes Products

Collection :	Galaxy·Aluminum Composites	front side  cross section
Item No:	WL-ALT2515	
Thickness:	15mm	
Width:	25mm	

Tubes Products

Collection :	Galaxy·Aluminum Composites	front side  cross section
Item No:	WL-ALT5030	
Thickness:	30mm	
Width:	50mm	

Tubes Products

Collection :	Galaxy·Aluminum Composites	front side  cross section
Item No:	WL-ALT6040	
Thickness:	40mm	
Width:	60mm	

Tubes Products

Collection :	Galaxy·Aluminum Composites	front side  cross section
Item No:	WL-ALT6050	
Thickness:	50mm	
Width:	60mm	

Tubes Products

Collection :	Galaxy·Aluminum Composites	front side  cross section
Item No:	WL-ALT8040	
Thickness:	40mm	
Width:	80mm	

Tubes Products

Collection :	Galaxy·Aluminum Composites	front side  cross section
Item No:	WL-ALT12030	
Thickness:	30mm	
Width:	120mm	

Deckings Products

Collection :	Galaxy·Aluminum Composites	front side  cross section
Item No:	WL-ALD13923	
Thickness:	23mm	
Width:	139mm	

Deckings Products

Collection :	Galaxy·Aluminum Composites	front side  cross section
Item No:	WL-ALD13923M	
Thickness:	23mm	
Width:	139mm	

Wall Claddings Products

Collection :	Galaxy·Aluminum Composites	front side  cross section
Item No:	WL-ALW11620	
Thickness:	20mm	
Width:	116mm	

Wall Claddings Products

Collection :	Galaxy·Aluminum Composites	front side  cross section
Item No:	WL-ALW13813	
Thickness:	13mm	
Width:	1388mm	