



| Some of our business areas are on display



| Manufacturer

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| Contact us

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| Our main products

Galaxy · Aluminum Composites
Superior Wood Co-extrusion WPC
Sandblasted Wood Co-extrusion WPC
ACME Wood Co-extrusion WPC
Conventional Wood WPC



①20+ years warranty for co-extrusion WPC; ②Leading ability on developing new products;
③Fire resistant in excellent rating Bfl-s1 & Bs2d0; ④Wide ranges products, from 1st to 3rd generation;
⑤Strong technical support by our labs testing and QC team;
⑥Eco friend products reusing plastic and preventing from deforestation



COMPOSITE WOOD

Hangzhou Rising Industry Co., Ltd.





01

Galaxy·Aluminum Composites

Galaxy·Aluminum Composites is a high technology architectural system which is a hybrid material in WPC industry. The high density PE bonded with aluminum technology is exclusively innovated by Rising Technology, which is a significant breakthrough in the field.

Advantages

- Maintenance free
- Dimension Stability
- Natural wood texture
- Fire rated B available
- More flexibility to design
- UV and mould resistance
- Durable for more than 25 years
- Eco-friendly and 100% recycled
- Super light weight and high strength
- Fire-Resistance class: Bs3d0 available on request



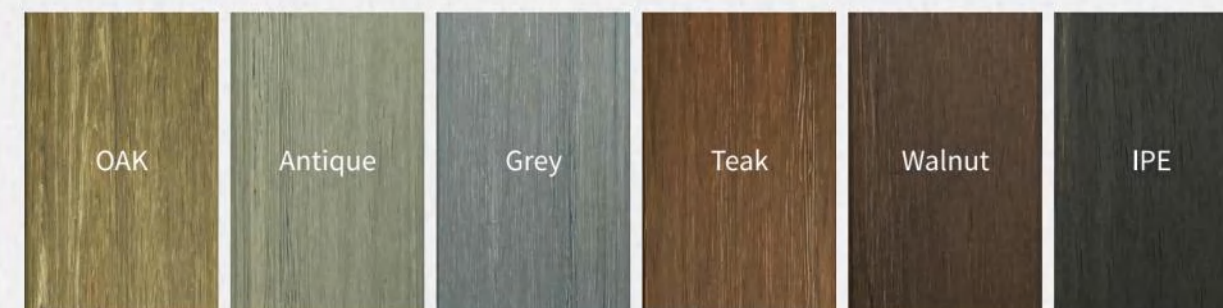
About Galaxy·Aluminum Composites

Rising Galaxy·Aluminum Composites combines aluminium frame perfectly with HDPE cap, which brings the high strength of aluminum with a natural wood appearance. It creates a stable and durable architectural structure and natural outdoor space.

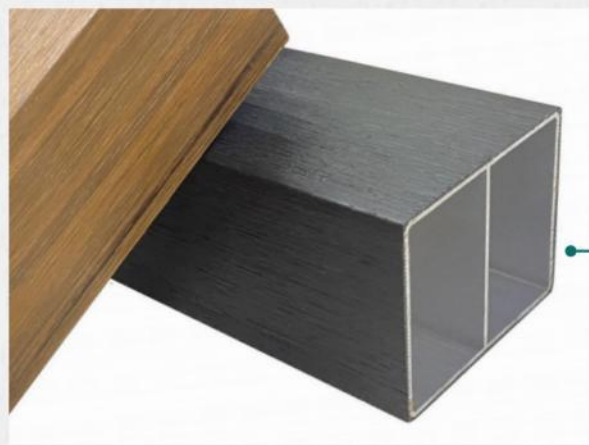
Applications

- Hotel Facade decoration
- Villas Ceiling and roofing
- Shopping Mall Wall cladding
- Garden decking and Pergola
- Scenic spot path post and balustrades
- Other decorative architectural showpieces

Colors



Rising Galaxy·Aluminum Composites is extruded with a 360 degree protective cap in beautiful wood looking on its high quality aluminum. It has wider flexibility to create any unique design. It is considered to be a best choice for projects and customization.



Details:

- Well-Chosen Aluminium Core
1.2mm-1.5mm thickness
- Composite layer is well combined with aluminum without peeling
- Outer protective composite layer with Rising's exclusive updated formula.

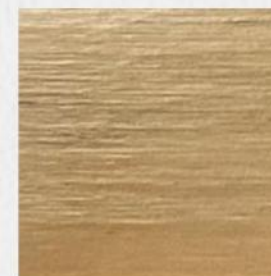
Technical Test Data of Galaxy · Aluminum Composition	
Water absorption	0.08% before and after immersion (reference to EN 1609:2013)
SVHCs Chemical	Not detected (less than reporting limit)
Fire rating class	Class Bs3d0 (EN 13501-1:2018)
Light aging test	$\Delta E^*_{ab}=5.72$ Grey Scale: 4 (Refer to co-extrusion cap)



Item ID: WL-ALT5030
Profile Size(mm): W50*H30
Description: Tube



Item ID: WL-ALD13923
Profile Size(mm): W139*H23
Description: Decking



Item ID: WL-ALW11620
Profile Size(mm): W116*H20
Description: Wall Cladding

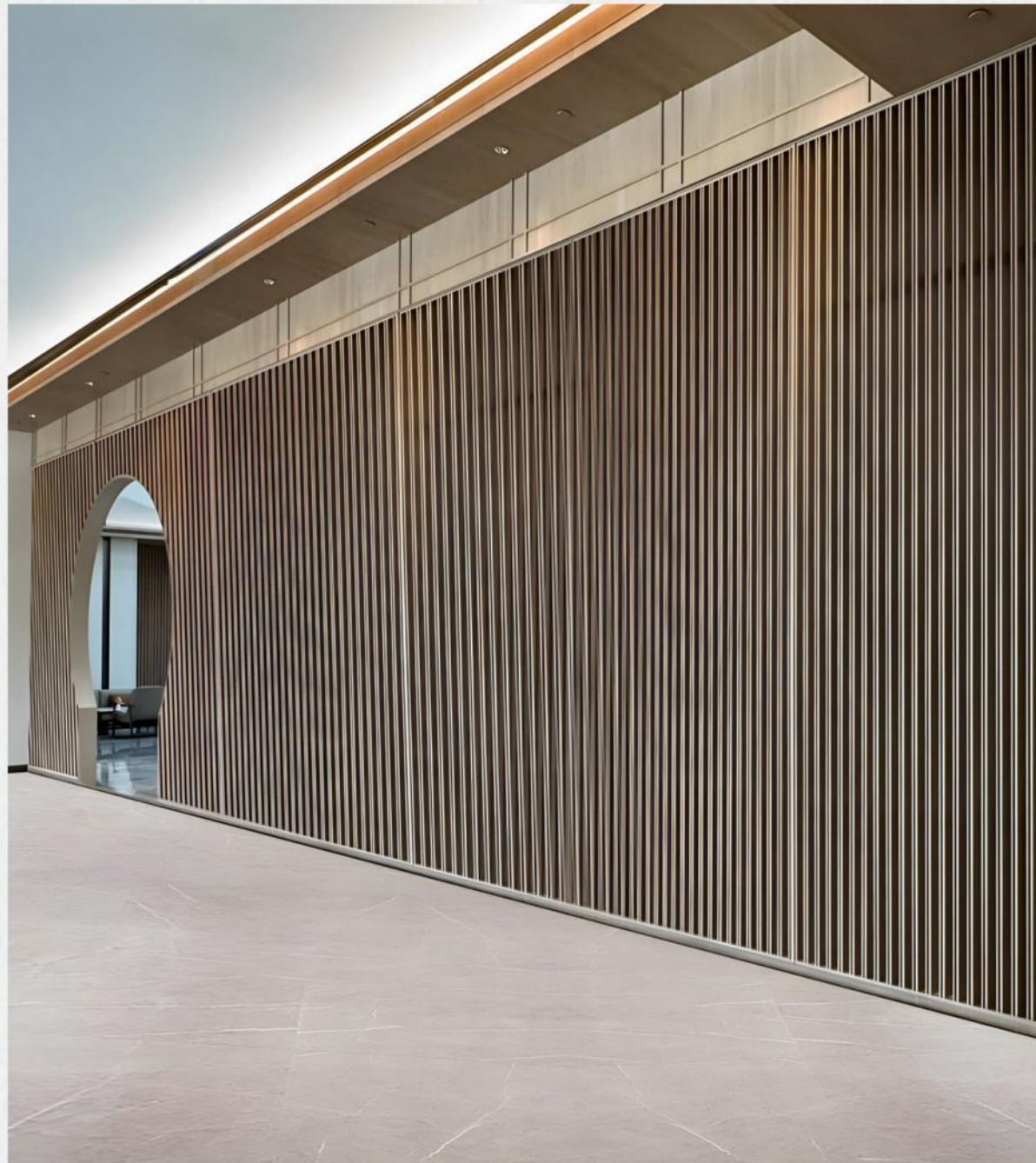


Item ID: WL-ALW13813
Profile Size(mm): W138*H13
Description: Wall Cladding

* More profile and details, please turn to page 62-63.

Galaxy·Aluminum Composites Projects Show

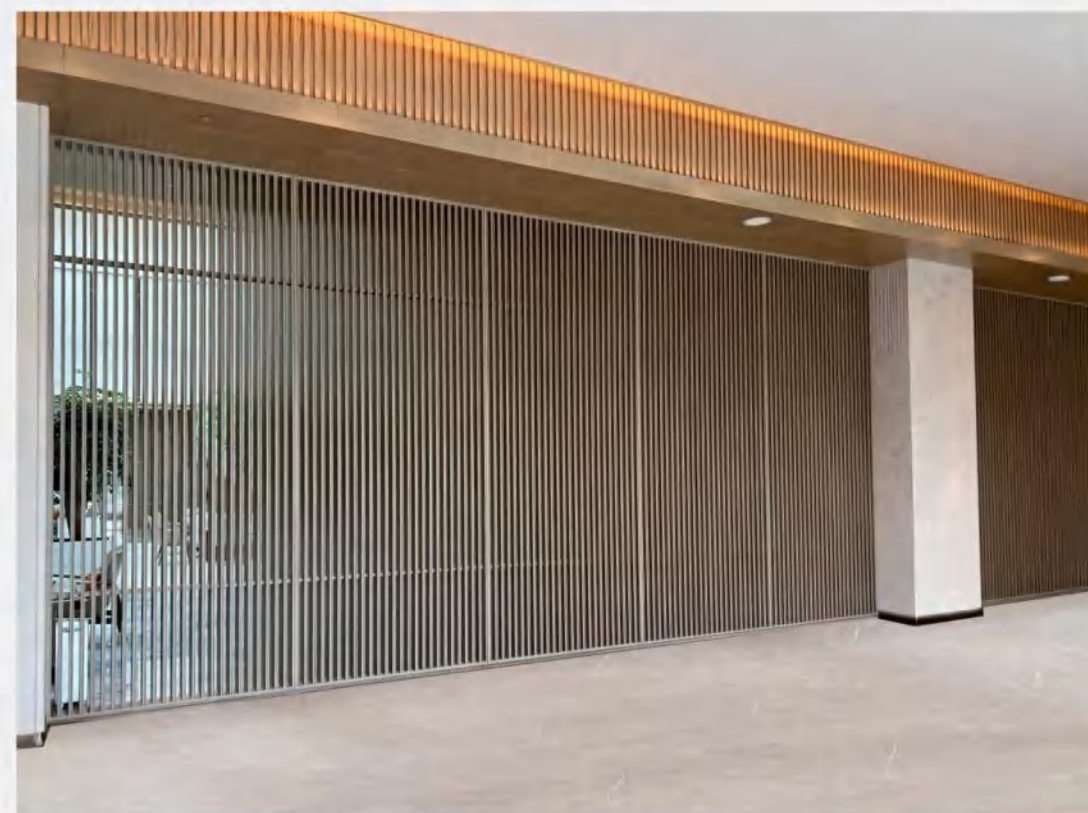
Engineering and architectures are increasingly turning to natural and composite woods in residential, commercial and urban design projects, exploiting the precious aesthetic and economic advantages that these materials offer.



Why choose?

Rising Galaxy·Aluminum Composites offers a new and delicate material to designers. With the natural wood appearance, Wallong Galaxy·Aluminum composites 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.

Compared with other composite products, Rising Galaxy Aluminum Composites solves the problems of expansion and contractions from outdoor temperature variations. This material is impervious to moisture. It will not warp, shrink, twist, crack, or splinter like wood does, which is ultra durable material for 25+ years.





A product that is easier to install helps keep your project on track and save cost and time to do the finishing touches. The light weight and high strength makes RisingGalaxy·Aluminum Composites is good for delivery, storage and installation.



Rising Galaxy·Aluminum Composites is the perfect choice to create a beautiful outdoor life! It brings the pleasure of intimate contact with nature environment which lights up your outdoor dreams and creating an intoxicating outdoor paradise. The high strength, light weight and natural wood appearance makes it the substitute of standard aluminum for pergola, ceiling, cladding application. Galaxy·Aluminum Composites gives you the flexibility to create artisan courtyard in any shapes and sizes to match your lifestyle.



02

Superior Wood Co-extrusion WPC

Rising Superior Wood decking is categorized into the Co-extrusion series, it combines the proven strengths of high-density polyethylene plastic and wood fiber with an outer shell of polymer that completely encapsulates the board in an impermeable layer of protection from moisture, stains and fading. The marvelous performance, luxurious color and natural wood grain patterns bring you the warmth and beauty of wood without any hassle.

Advantages

- Anti-slip & Water proof
- Can be FIRE resistance
- 20+ years residential warranty
- UV color stability & Stain resistance
- Hard-wearing & Scratch resistance
- Natural wood grain texture & Multiple color choices
- Fire-Resistance class: Decking Bfl-s1, Cladding Bs1d0 available on request



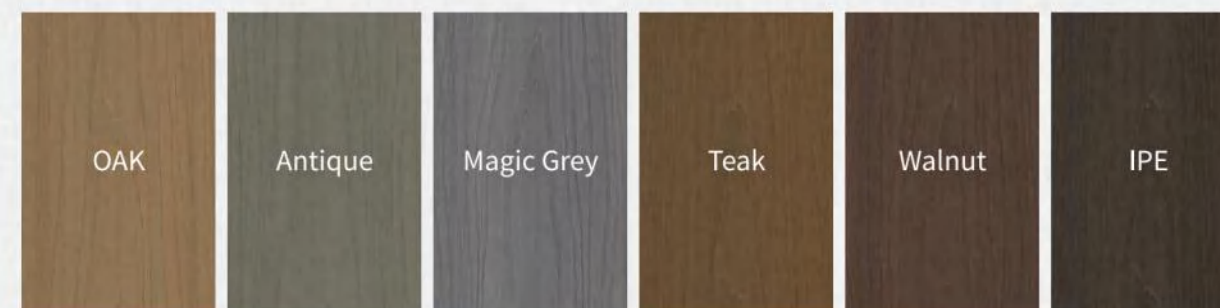
About Superior Wood Co-extrusion WPC

Superior Wood takes the composite to the next stage with its 'fully capped' design, creating a protective layer which provides protection against fading, scratching and splintering for a longer lifespan. With a 60% wood fiber content it offers all the benefits of wood without any splinters or maintenance.

Applications

- Patio or Terrace
- Docks or Marine
- Private swimming pool
- School, Hospital or Parks
- Garden, Backyard, BBQ area
- Refreshment bars or Seaside restaurant

Colors



Superior Wood is able to effectively sustain under any weather conditions. We have engineered years of performance to your deck so that you can get years of enjoyment out of it. Superior Wood is functional, beautiful and it will stand the test of time.



Details:

- Super thick shell
- Burshed Surface
- Ultra Low Maintenance
- 4-sided Polymer Shell Super Modified HDPE
- HDPE: 30%; Wood Fiber: 60%; Addictives: 10%



Item ID: WL-SDK13923
Profile Size(mm): W139*H23
Description: Decking



Item ID: WL-SDK14023
Profile Size(mm): W140*H23
Description: Decking



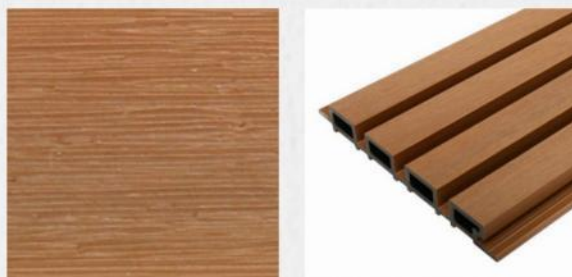
Item ID: WL-SLZ15050
Profile Size(mm): W150*H50
Description: Tube



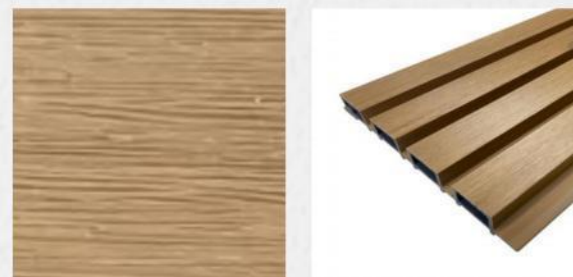
Item ID: WL-SLZ120120
Profile Size(mm): W120*H120
Description: Tube

Technical Test Data of Superior Wood Co-extrusion WPC	
Peeling Strength	1.24 N/mm ² (Standard: EN 319:1993)
SVHC	Pass (Standard: EU REACH regulation No 1907/2006 Article 33 (1))
Falling mass impact	Maximum depth of residual indentation: 0.16mm (Standard: EN 15534-1:2014)
UV aging	ΔE: 1.92, Grey Scale: 4-5 (Standard: Cycle1 of ISO 4892-3:2016)
Abrasion Resistance	Wear index: 37.4mg/1000r (Standard: ASTM D4060-14)
Slip resistant	R10 (Standard: DIN 51130:2014)

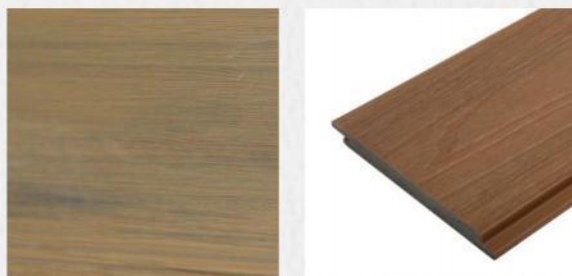
* More profile and details, please turn to page 62-63.



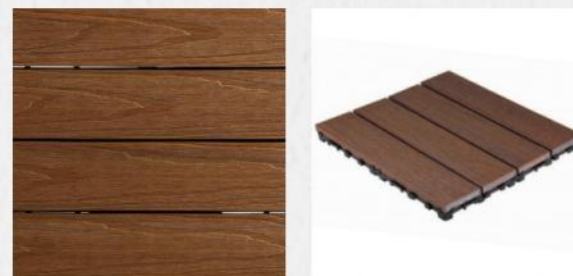
Item ID: WL-SQB21926
 Profile Size(mm): W219*H26
 Description: Slatted Cladding



Item ID: WL-SQB21726
 Profile Size(mm): W217*H26
 Description: Slatted Cladding



Item ID: WL-SQB14012
 Profile Size(mm): W140*H12
 Description: Wall Cladding



Item ID: WL-SS05
 Profile Size(mm): W300*H300
 Description: DIY Tile

* More profile and details, please turn to page 62-63.



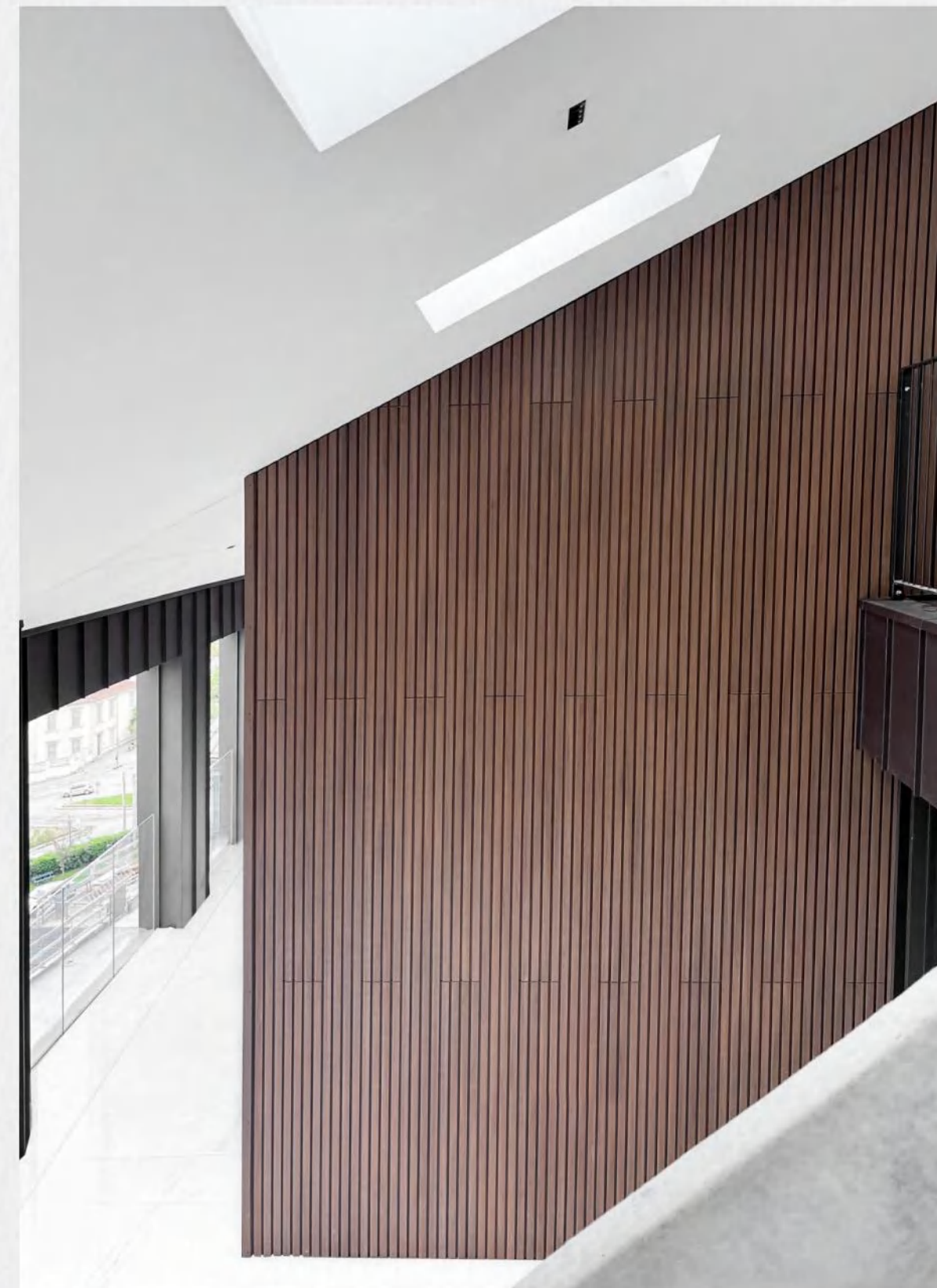
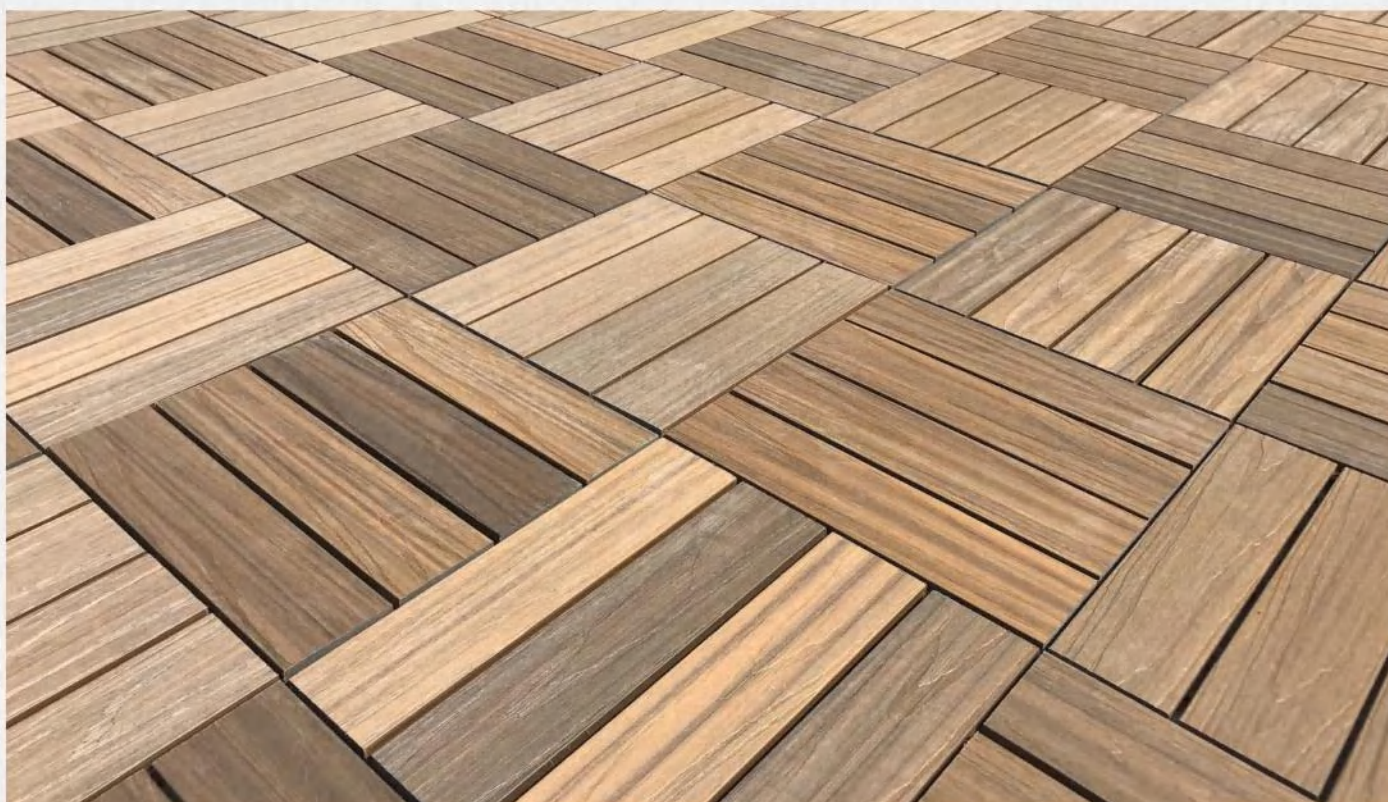
Superior Co-extrusion WPC Wall Claddings and DIY Deck Tiles

Superior Wood Co-extrusion WPC Projects Show

Superior Wood is not only natural but stunning like real timber, it is also strong and tough. Rising Superior Wood is produced with high quality material and tested by times to reach quality standard. It brings in the natural feature to your garden and creates a wonderful garden time for anyone of you.



Rising Superior Wood collection's wood-like appearance creates an atmosphere of healing when you spend quality time and enjoy the quiet moment with your family. Every time steps into the spectacular application of Superior Wood decking, you will immerse in it and feel the sense of inner peace and relaxation. The intoxicating outdoor art space will be the place where you make lasting memories.



Unlike the wood timber, Superior Wood will not rot and mildew with its 360 degree protection which can also be easily cleaned and maintained without additional painting and sealing. UV resistance is another extraordinary performance of Superior wood.



Eager for a eco-friendly composite decking which offers unique color and real wood texture with a high performance to replicate the character of real wood? Rising Superior Wood is the solution which delivers the natural look of wood without constant maintenance and expense, leads you to reconnect with nature.



Nobody wants to be stuck in the house after a long day at work or school. A spacious deck is a perfect place to get outside, enjoy family time under the stars and enjoy the splendid view of the backyard. Superior Wood could be viewed as an extension of the home, offering many of the same amenities. It specifically designed to be extremely long lasting and always comes with an extended warranty up to 20 years.



03

Sandblasted Wood Co-extrusion WPC

Sandblasted decking is a special collection which is exclusively innovated by Rising Technology. The rough surface is the new finishing and updated version of Rising superior wood. With the ultra-matte layer, Sandblasted Co-extrusion Decking has terrific antislip and abrasion resistance performance than timber decking in the outdoor environment.

Advantages

- Low maintenance
- No need for painting or renovation
- Super hard-wearing and scratch resistance
- Ultra matte surface with elegant appearance
- Perfect performance of anti-slip and anti-abrasion
- Fire Rating EN13501 Class Bf1-s1 available on request



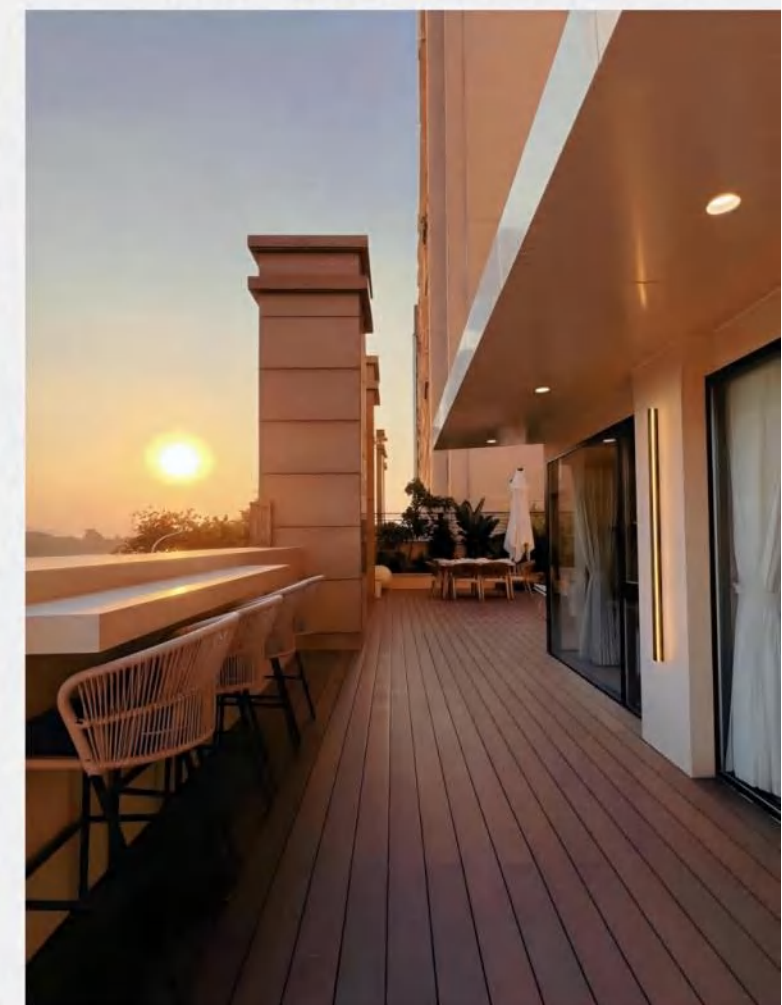
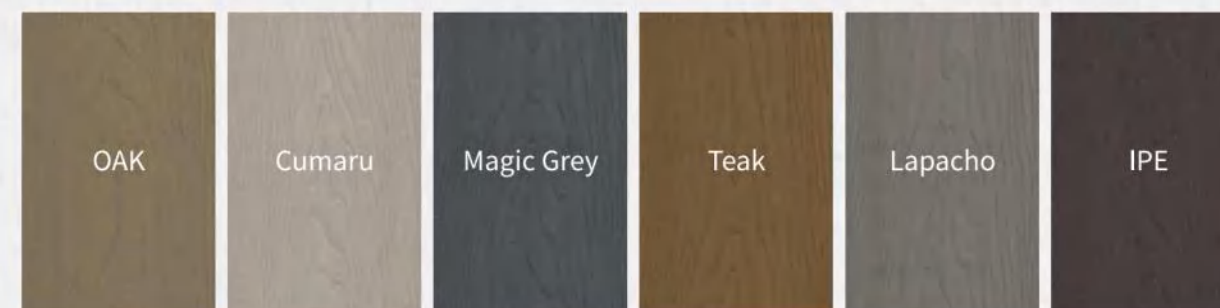
About Sandblasted Wood Co-extrusion WPC

Sandblasted Decking is the exclusive innovation product of Rising. The frosted and durable surface provides a superb anti-slip performance. Wallong dedicates to develop a decking with a high level safety guarantee for both residential and commercial application.

Applications

- Hotel decking
- Shopping mall
- Patio or Terrace
- Docks or Marine
- School or Hospital
- Refreshment bars or Seaside restaurant

Colors

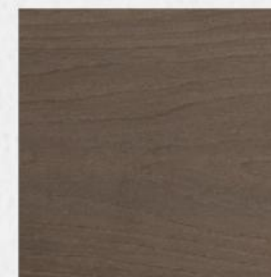


Ultra-matte surface and luxury colors of Sandblasted decking create an excellent permanent and gorgeous look which stand out from all other composites deckings. With its ultra slip resistance performance, Sandblasted decking is perfect for demanding projects.



Details:

- Hard wearing
- Natural woodgrain
- Ultra-matte surface
- With 1.5mm thick outlayer
- Fully capped with modified HDPE
- HDPE: 30%; Wood Fiber: 60%; Additives: 10%

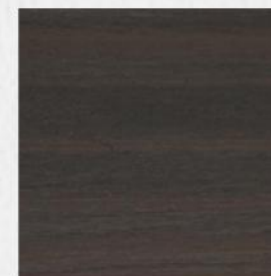


Item ID: WL-SSDK13923
Profile Size(mm): W139*H23
Description: Decking

Sandblasted composite decking as an exclusive building material is specially designed for both commercial and residential application where needs luxurious appearance and superb slip resistance.

Technical Test Data of Sandblasted Wood Co-extrusion WPC

Tensile Strength	19.1 MPa (Standard: ASTM D638-14)
Flexural Strength	25.3 MPa (Standard: ASTM D7032-17 and ASTM D4761-13 Section 8)
Impact strength	Maximum depth of residual indentation: 0.26mm (Standard: EN 15534-1:2014)
Swelling in Thickness	0.18% (Standard: EN 317:1993)
Abrasion Resistance	Wear index: 13.2mg/1000r (Standard: ASTM D4060-14)
Slip resistant	R11 (Standard: DIN 51130:2014)



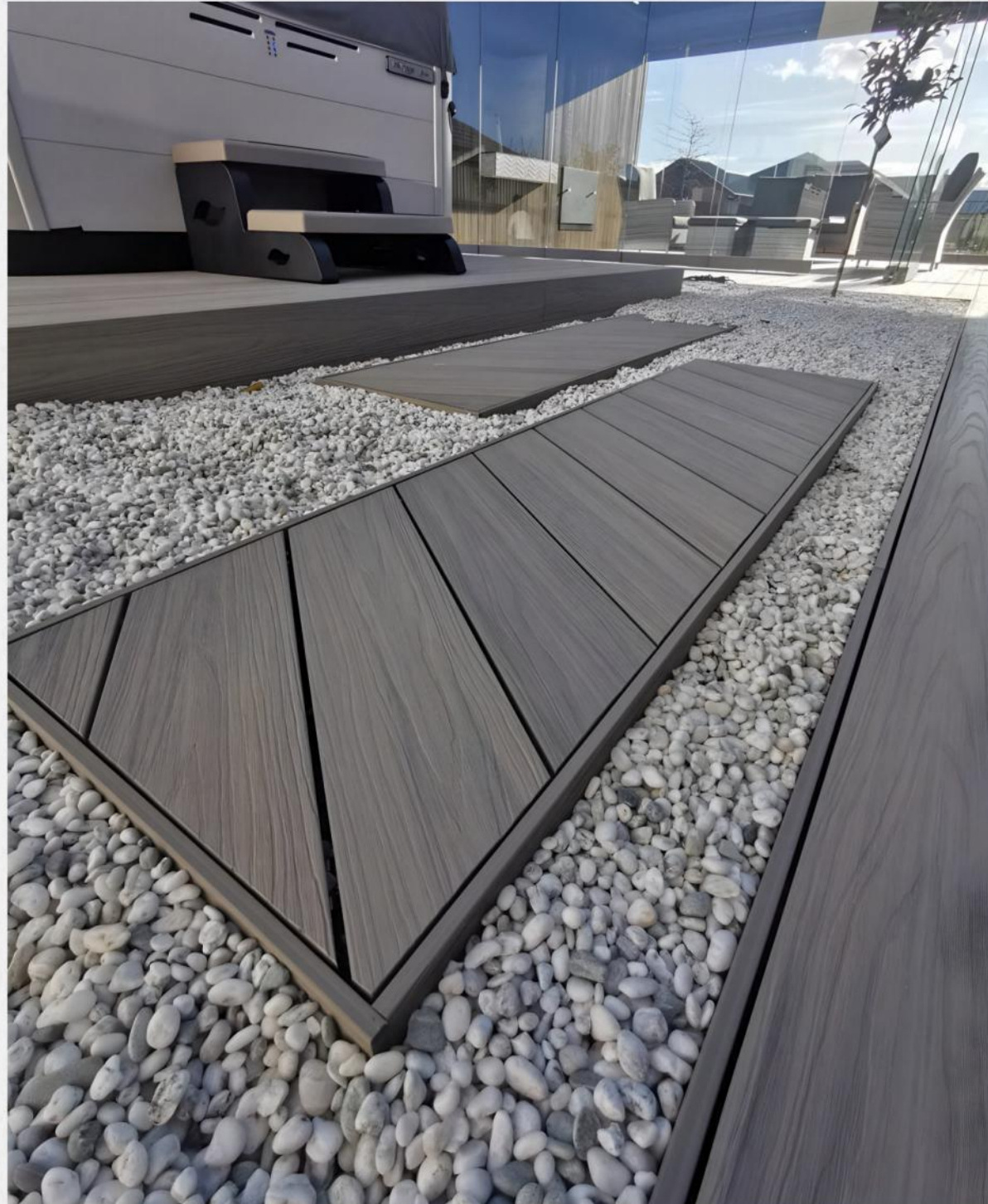
Item ID: WL-SSDK14022
Profile Size(mm): W140*H22
Description: Decking

Sandblasted Decking is made of high density polyethylene combined with wood fibers. The durable polymer out layer of Sandblasted Decking creates an armor that resists fading from sun, stain from foods, scratch from chairs.

* More profile and details, please turn to page 62-63.

Sandblasted Wood Co-extrusion WPC Projects Show

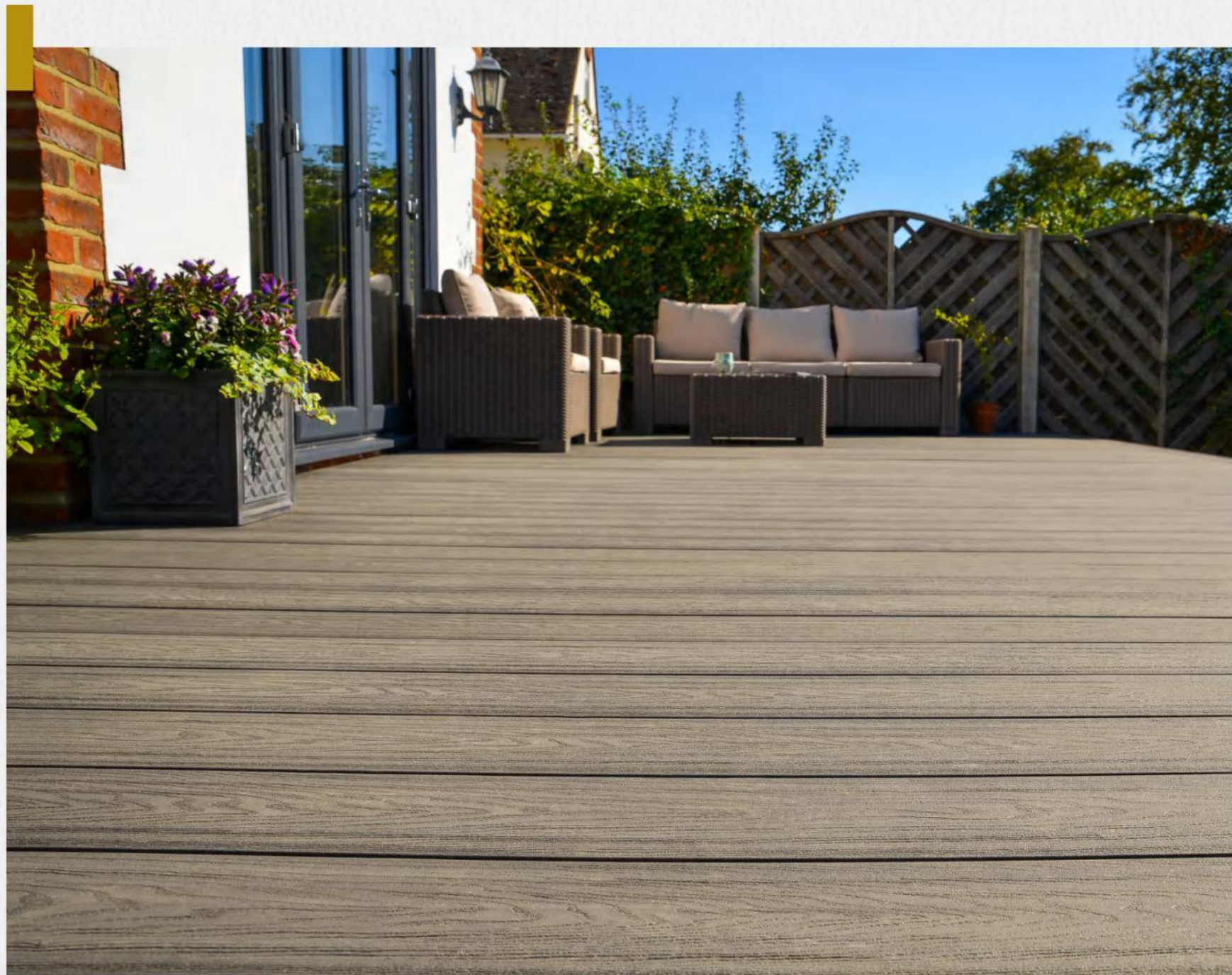
Sandblasted decking is a perfect choice for the places where need excellent slip resistance. It combines classic and grain patterns with unbeatable performance.



Why choose?

The exclusive formula of sanding surface makes the decking superb slip resistance with grade of R11 which is unsurpassable by any other composite decking. It is also an ideal choice for commercial places where anti-slip is highly concerned.

Sandblasted Co-extrusion Decking's unique deep embossed wood grain finish and sanding texture offer a high anti-slip resistance due to its coarse deep wood finish. It is ideal in every day environments, bringing safety and looks to application areas.



The Sandblasted Wood Collection does not require treatment, it continues to save your time and money year after year with a 10-20 years warranty. With updated formula and stable performance, Sandblasted Co-extrusion collection does not require extra treatment. It represents an easy-care outdoor decking solution which is certainly the closest thing you will get to an easy outdoor life.



Nothing offers a comfortable and safe backyard time like a premier Sandblasted Wood Composite Decking. You will never worry about children and elderly falling when they walk on the patio.

The deluxe ultra-matte appearance sets you into a peaceful paradise to enjoy the time with your beloved families and friends.



04

ACME Wood Co-extrusion WPC

ACME Co-extrusion Decking is a co-extrusion decking which fully capped with the modified elastomer. Co-extrusion decking steps into a new era since ACME Co-extrusion Decking launched. It broaden the WPC concepts and meets the needs of homeowners who have specially requirement and prefer soft finishing.

Advantages

- Anti-fungus
- Super Waterproof
- Good Indentation resistance
- Excellent UV Colour protection
- Ultra anti-slip and sound absorption
- Soft texture with unique color mixture
- High quality HDPE elastomer fully capped
- Super hard-wearing and scratch resistance

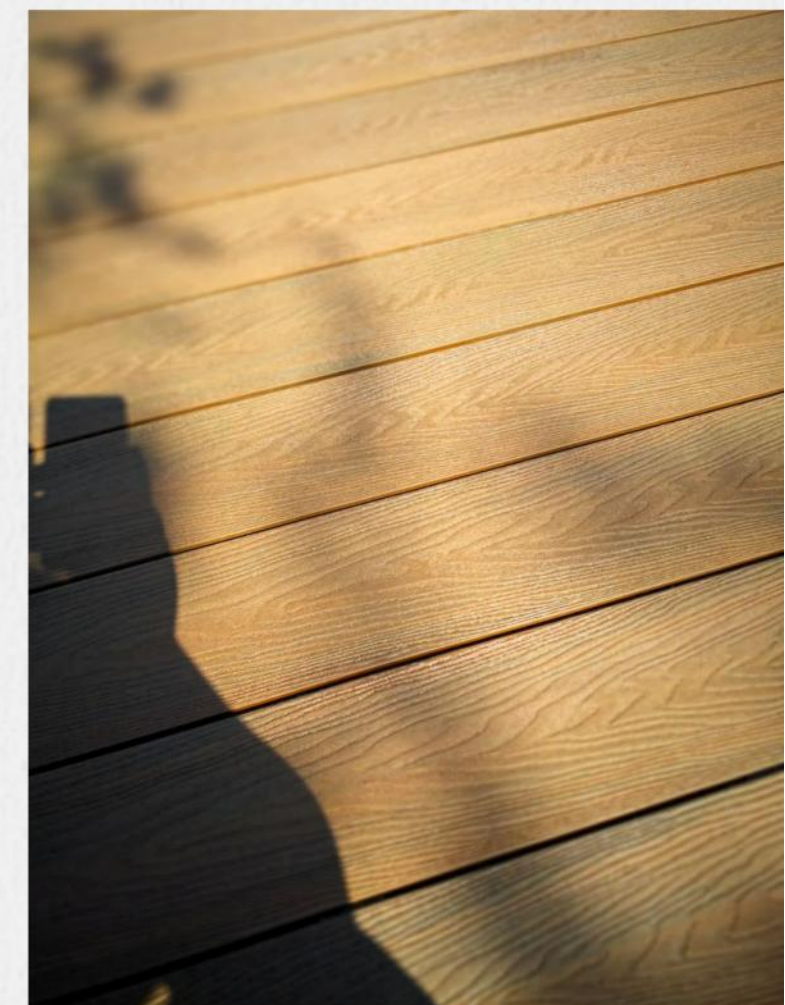
About ACME Wood Co-extrusion WPC

ACME Co-extrusion Decking is designed to withstand the toughest weather conditions, while maintaining the aesthetics of timber decking. It is a good choice for outdoor applications and ideal for premium residential and commercial applications.

Applications

- Gym and park
- Swimming pool
- Garden walkway
- University School
- Patio and Balcony
- Seaside restaurant

Colors



The ACME Co-extrusion decking boards are available in six colors and feature an unexceptionable deeply embossed wood grain on one side and light drawing lines on the reverse for maximizing usability. Its soft surface is in a beautiful 3D wood grain pattern and with unique colors.



Details:

- Soft Texture
- Sound Absorption
- 1.5mm Thick Layer
- Natural Woodgrain Pattern
- 360 degree HDPE Protective Outshell
- HDPE: 30%; Wood Fiber: 60%; Additives: 10%



Item ID: WL-ADK15023
Profile Size(mm): W150*H23
Description: Decking

With anti-slip, sound absorption, soft texture, and UV resistance, Rising ACME Co-extrusion WPC decking give you an unprecedented experience of eco-friendly composite decking.

Technical Test Data of ACME Wood Co-extrusion WPC	
Tensile Strength	1.85 N/mm ² (Standard: EN 319:1993)
Impact strength	Max. depth of residual indentation: 0.11mm (Standard: EN 15534-1:2014)
Brinell hardness	61N/mm ² (Standard: EN 15534-1: 2014)
Water absorption	0.43% (Standard: ASTM D570-98)
Abrasion Resistance	Wear index: 12.4mg/1000r (Standard: ASTM D4060-14)
Slip resistant	R11 (Standard: DIN 51130:2014)



Item ID: WL-ADK14521
Profile Size(mm): W145*H21
Description: Decking

With fully capped HDPE elastomer and excellent performance of UV resistance, Rising ACME Wood creates a safe and enjoyable paradise for your outdoor living.

* More profile and details, please turn to page 62-63.

ACME Wood Co-extrusion WPC Projects Show

High-performance, low-maintenance ACME composite decking combines unprecedented durability and beauty, which has become the trend of decoration. It is designed to match various occasions and harsh weather conditions, ACME Co-extrusion Decking is an ideal solution for outdoor decks, including the place like gardens, swimming pool, seaside walkway etc.



Why choose?

ACME composite decking is known to its soft surface, distinctive and contemporary design, brings outdoor decking into a new stage.

Compared with traditional timber decking, Rising ACME Wood Collection does not require maintenance and it will continue to save your time and money year after year.



Rising ACME Wood Decking comes with a 10-20 years warranty, you will not worry about the rot, insects, stain, fading and cracking problem. It combines the beauty of timber wood with our toughest and most resilient finish, gives you the unprecedented experience.



ACME Wood is a fine deck which would aesthetically compliment the modernity of the house and maintaining the natural and environmental appeal of their house. The premium ACME Wood Composite Decking with professional installation makes the ideal picture in client's mind come true.

Inspired by natural timber, ACME Wood Decking provides the infinite charm and timeless beauty to your outdoor space. The sculptures woodgrain leads you to explore the poetic world of integration with nature and creates your own beautiful outdoor paradise!



05

Conventional Wood WPC

Conventional Wood Decking, known as the 1st generation WPC, has become the most economic WPC wood. Rising has balanced it in good quality and competitive pricing. With strict standard in product control and guaranteed on quality, Rising Conventional Wood is always a wise one to choose.

Advantages

- Easy installation
- No cracking or bending issue
- Minimal maintenance required
- Natural finishing like real wood
- Durable for outdoor environment
- Multiple profiles and texture for choices
- Competitive price and guaranteed quality
- 100% Recyclable and environmentally friendly
- Fire-Resistance class: Decking Bfl-s1, Cladding Bs1d0 available on request



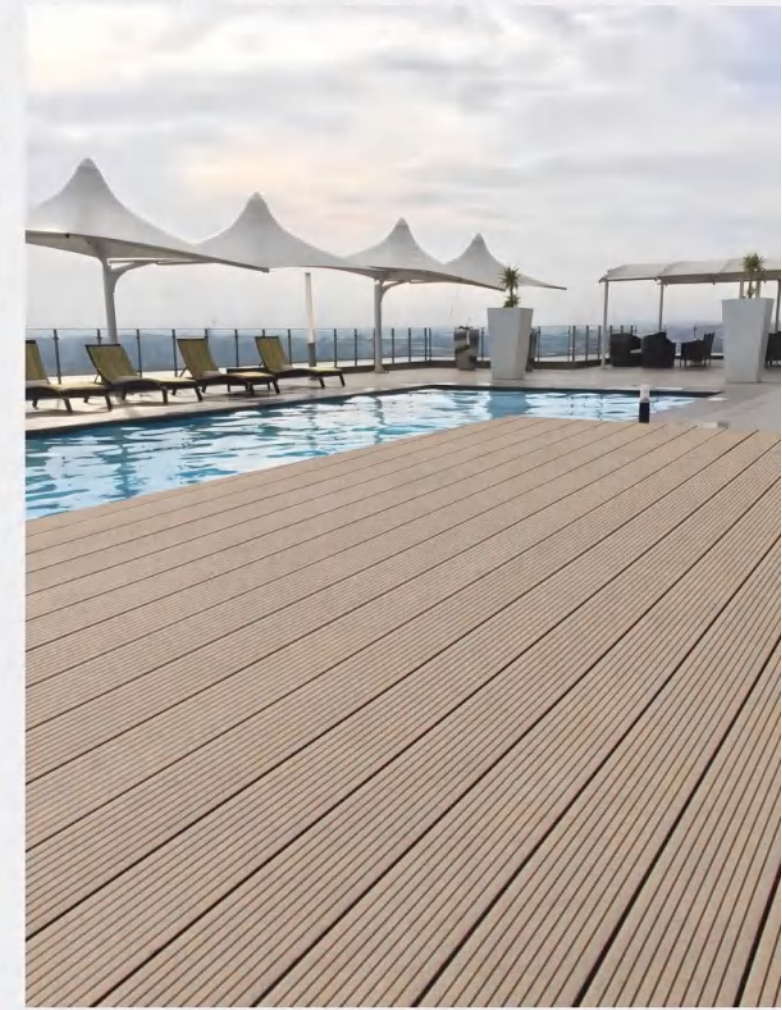
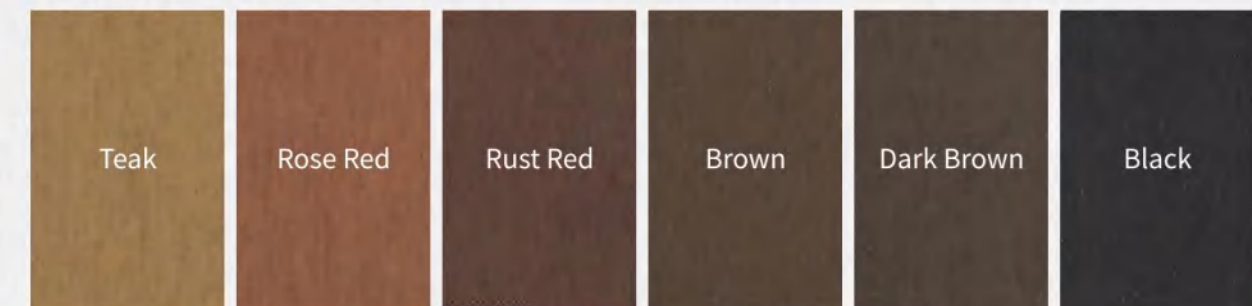
About Conventional Wood WPC

Rising Conventional Wood plastic composite decking changes the concept of timber, which does not swell, split, crack or warp. They are durable and hard-wearing, and has become the residents' favorite choice for outdoor living.

Applications

- Seaside restaurant
- Outside refreshment bars
- Shopping mall and Hotel decking
- Garden and Private swimming pool
- Parks and tourism spots public area
- Architectural wall cladding and decoration

Colors



Conventional Decking is the most economic choice if the budget is limited. There are Conventional Decking and Deep Embossed for your choosing.



Details:

- Non-cracking
- Weather resistance
- Ultra Low Maintenance
- Natural wood appearance
- HDPE: 30%; Wood Fiber: 60%; Addictives: 10%

Technical Test Data of Conventional Wood WPC	
Tensile Strength	19.2 MPa (Standard: ASTM D4761-05)
Coefficient of friction	μ=0.25 (Standard: EN 13893)
Impact resistance	35J (Standard: ASTM D4495-00 (2005))
Linear thermal expansion	1.06x10 ⁻⁴ (1/°C) (Standard: ASTM D696-08)
Shore hardness	A/72/1 (Standard: ASTM D2240-05)
Water absorption	2.9% (Standard: EN 317)
Artificial weathering	1000 hours, Gray scale 2-3 (Standard: EN ISO 4892-2 Method A)



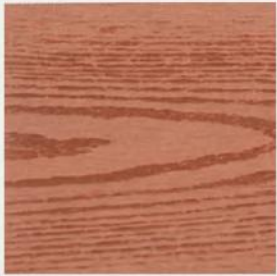
Item ID: WL-DK13520
Profile Size(mm): W135*H20
Groove: 2D wood grain decking



Item ID: WL-DK14021
Profile Size(mm): W140*H21
Groove: 2D wood grain decking



Item ID: WL-DK14025
Profile Size(mm): W140*H25
Groove: 2D wood grain decking



Item ID: WL-DK13822
Profile Size(mm): W138*H22
Groove: 2D wood grain decking

* More profile and details, please turn to page 62-63.

Conventional Wood WPC 3D Deep Embossed Decking



Item ID: WL-DDK14525
Profile Size(mm): W145*H25
Groove: 3D wood grain decking

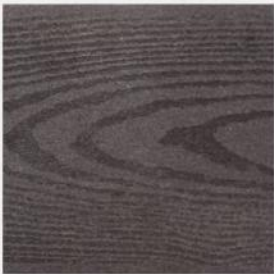
Item ID: WL-DDK14025
Profile Size(mm): W140*H25
Groove: 3D wood grain decking

* More profile and details, please turn to page 62-63.

Not only 2D wood grain is feasible for 1st generation composite wood, Rising has updated it with 3D wood grain on decking and wall cladding, which is called Deep Embossed Conventional Wood. It is a much more cost-effective WPC decking option, which has the beauty of co-extrusion composite but at 1st generation price. The appearance of embossed decking makes it more authentic, which gives the modern architecture design a natural finishing touch.



Conventional Wood WPC
Wall Cladding and DIY Tile



Item ID: WL-QB15621
Profile Size(mm): W156*H21
Groove: 2D wood grain Wall Cladding



Item ID: WL-QB21926DP
Profile Size(mm): W219*H26
Groove: 3D wood grain Slatted Cladding

* More profile and details, please turn to page 62-63.



Flexible locking system allow you to lock tile from any side, and create the distinctive pattern or change it anytime you like.



Item ID: WL-SN05
Profile Size(mm): W300*H300
Description: DIY Tile



Item ID: WL-DT001
Profile Size(mm): W300*H300
Description: DIY Tile

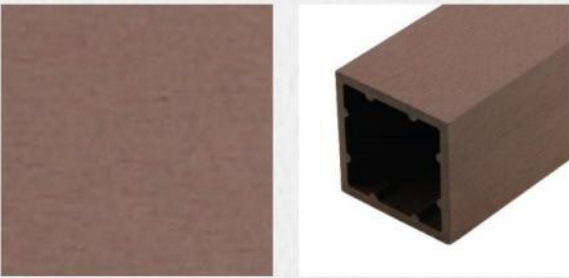
Conventional Wood WPC Fencing Picture Show



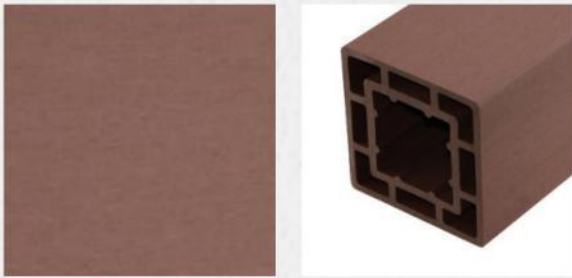
Item ID: WL-FZ20080
Profile Size(mm): W200*H80
Description: Fencing



Item ID: WL-FS8545
Profile Size(mm): W85*H45
Description: Fencing

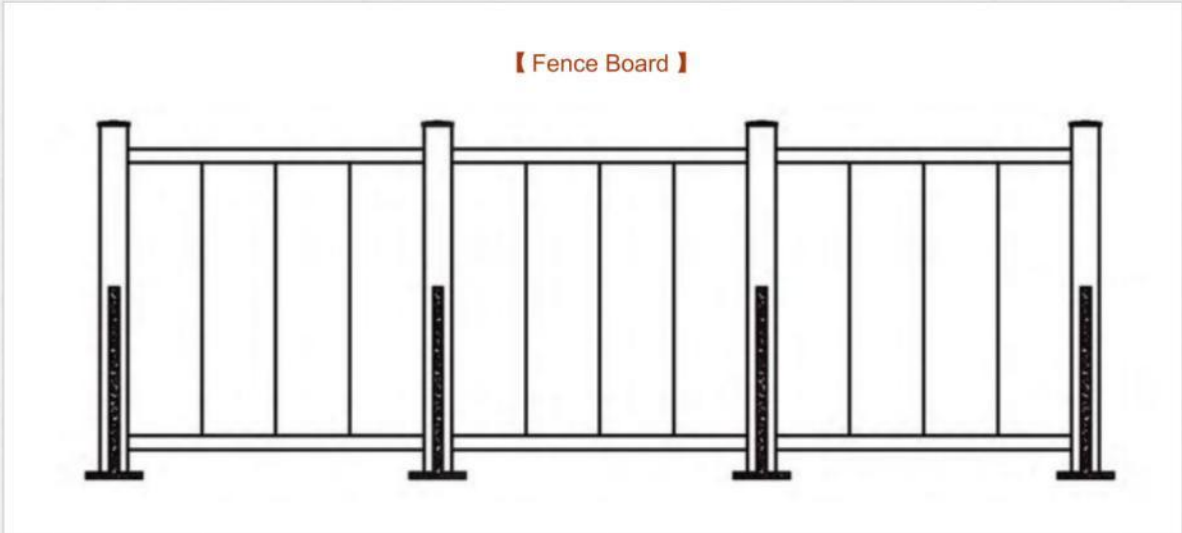
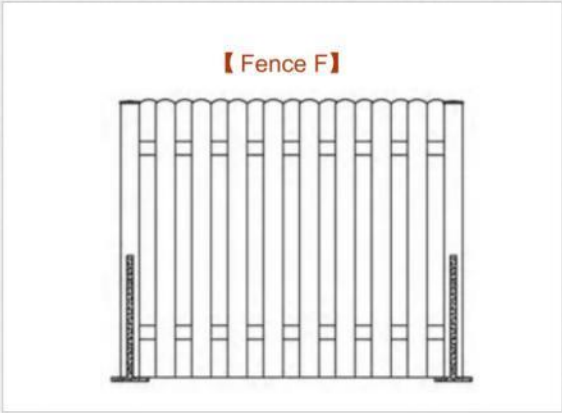
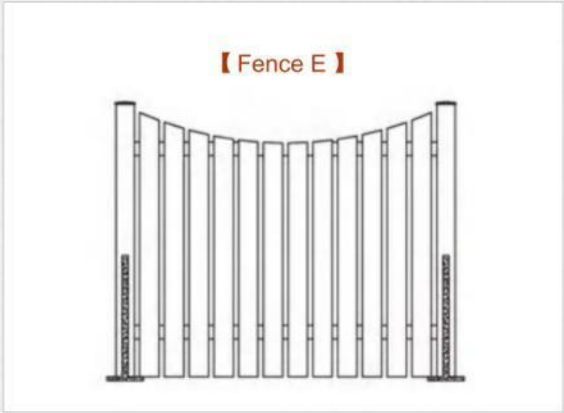
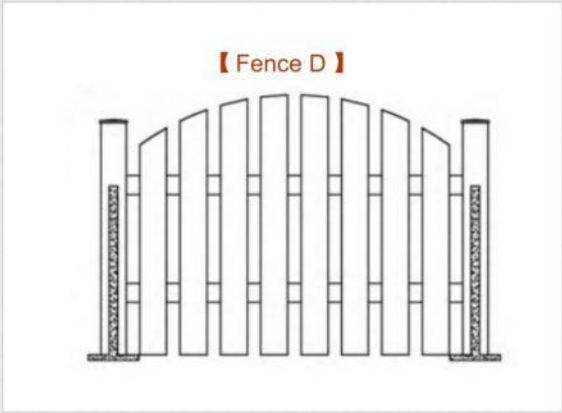
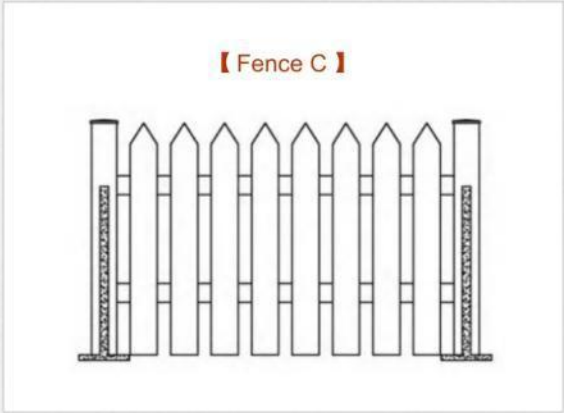
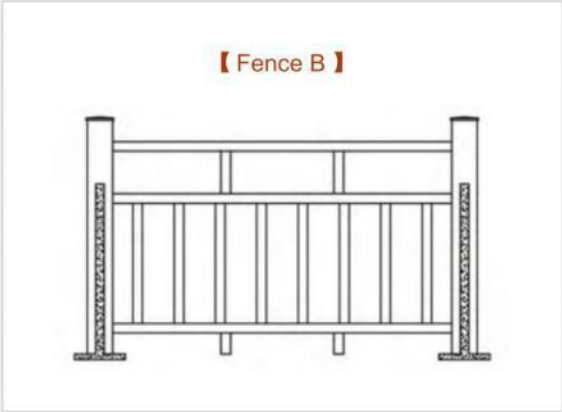
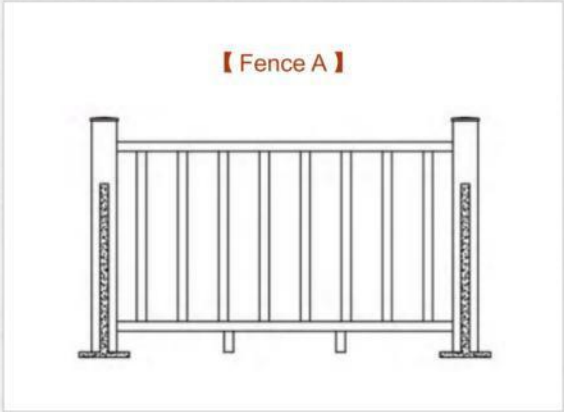


Item ID: WL-LZ080
Profile Size(mm): W80*H80
Description: Fencing



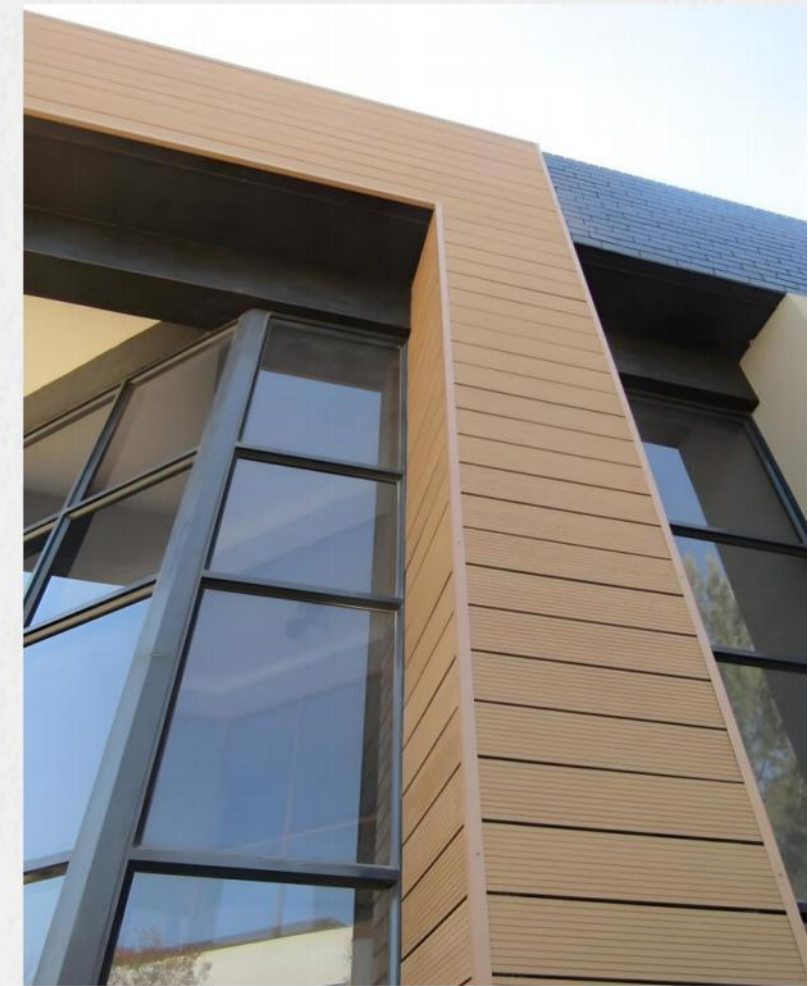
Item ID: WL-LZ120A
Profile Size(mm): W120*H120
Description: Fencing

* More profile and details, please turn to page 62-63.



Why choose?

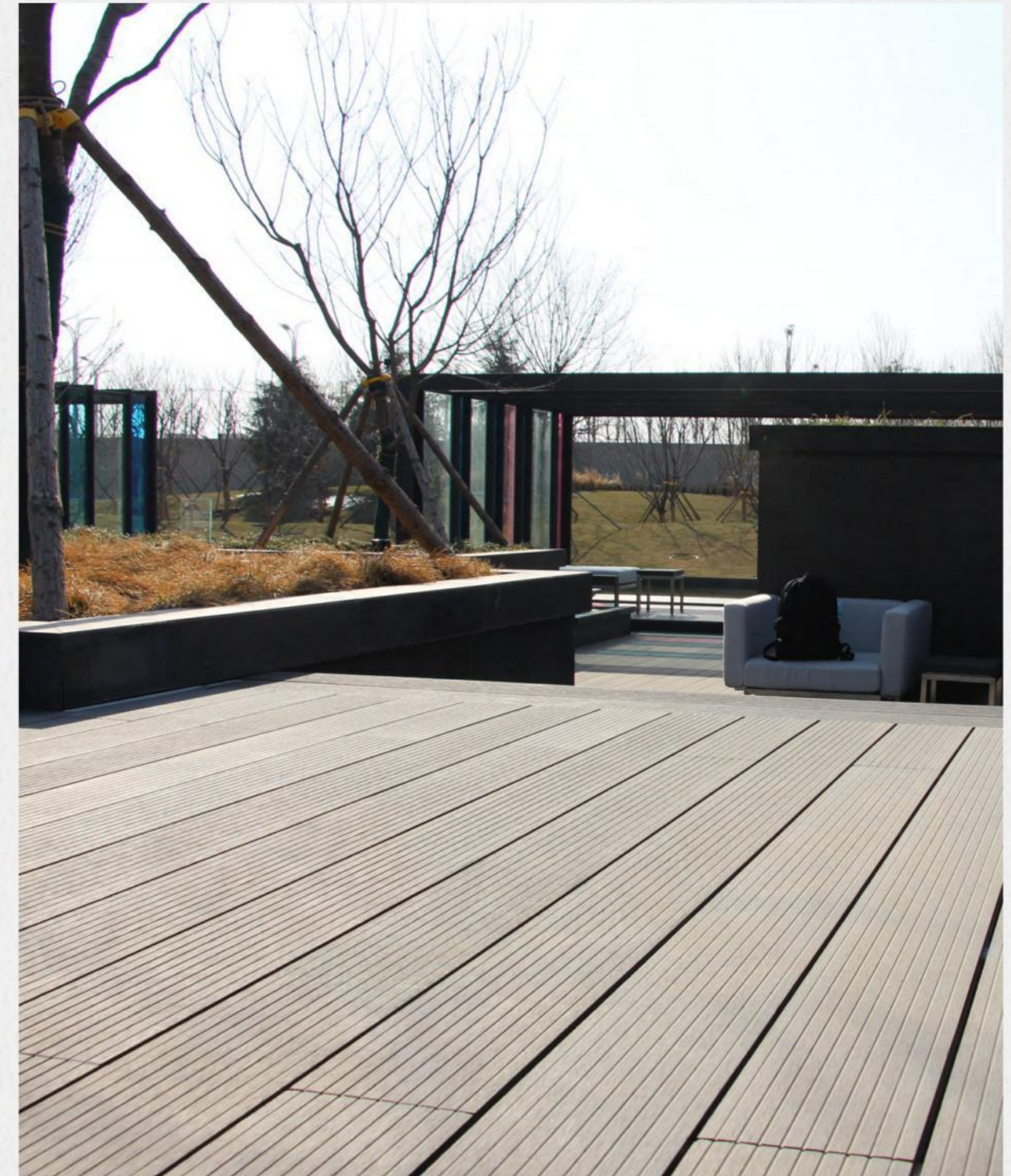
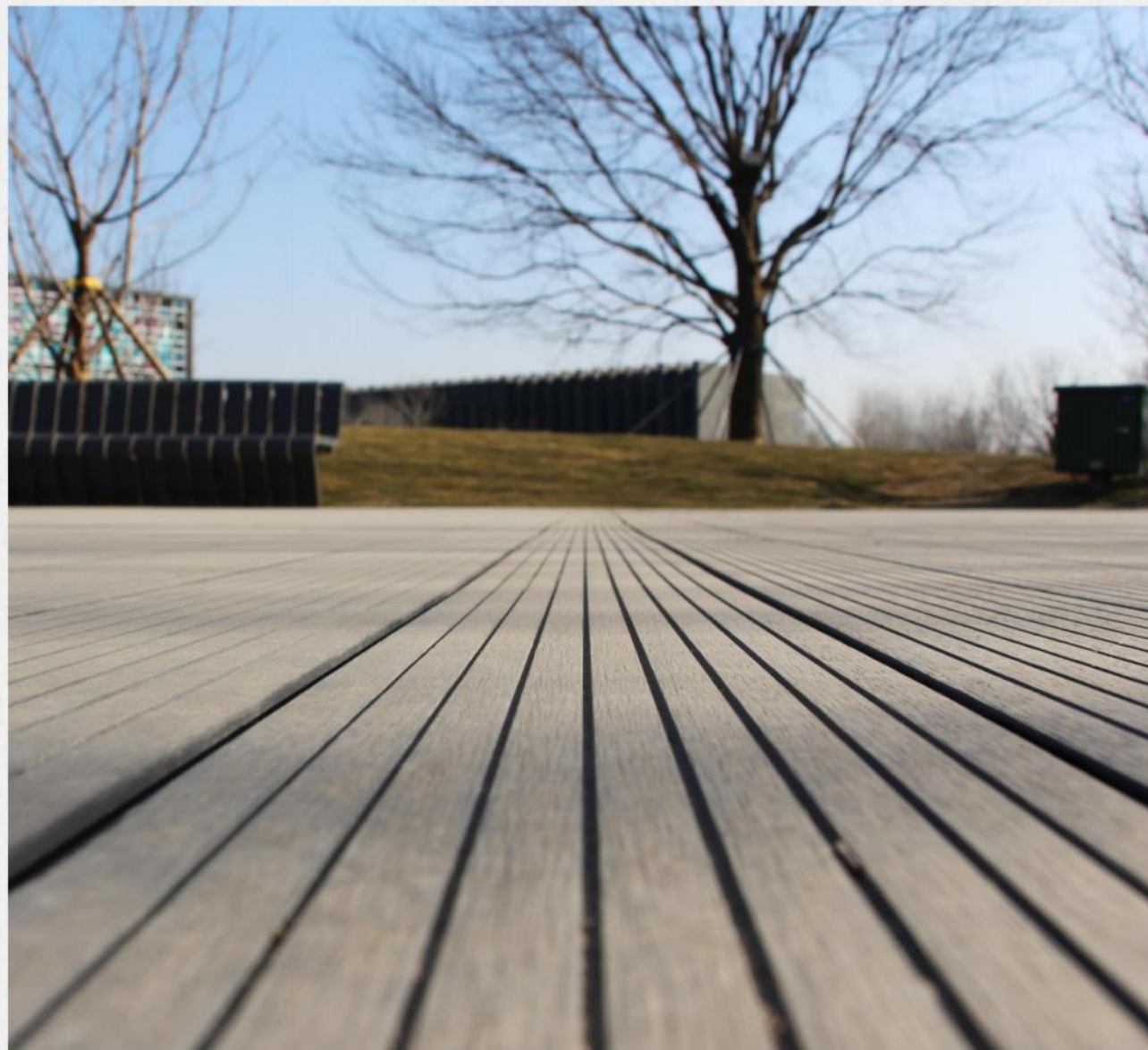
As an environmentally friendly alternative to wood, Wood Plastic Composite (WPC) is specially design for outdoor living with its exceptional durability and weather resistance. Although it is alternative to wood, it looks exactly like wood.



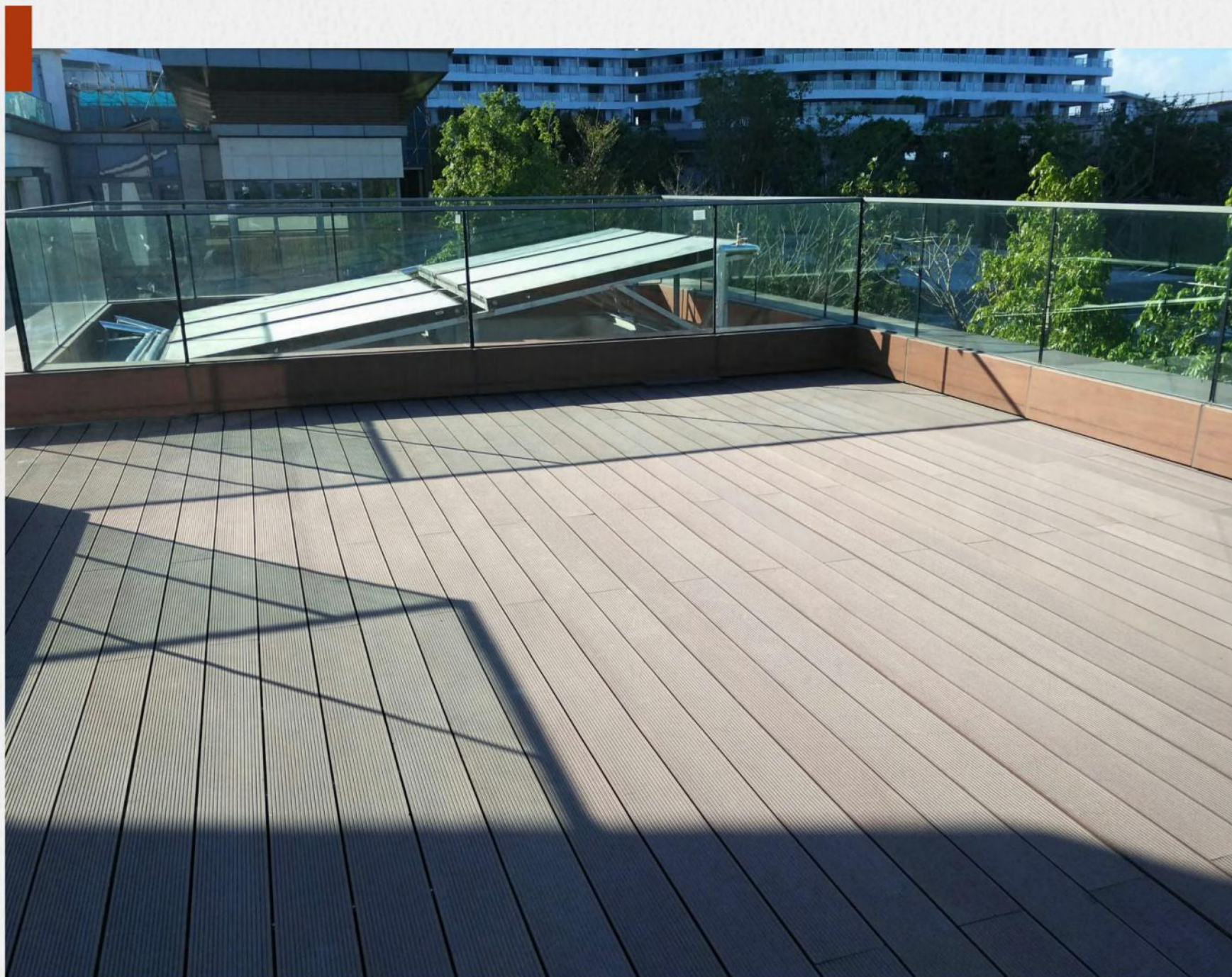
If you are yearn for returning to nature to relax your spirit and feel the novelty and romance of life, Conventional Wood Composite Decking will meet all your fantasies about nature. No matter the wood grain appearance, touching and color composite decking will take you to enjoy your home with vitality. Conventional Wood Decking' s natural wood grain and the wood touching set you free from the hustle and bustle from the outside world.

Conventional Wood WPC Projects Show

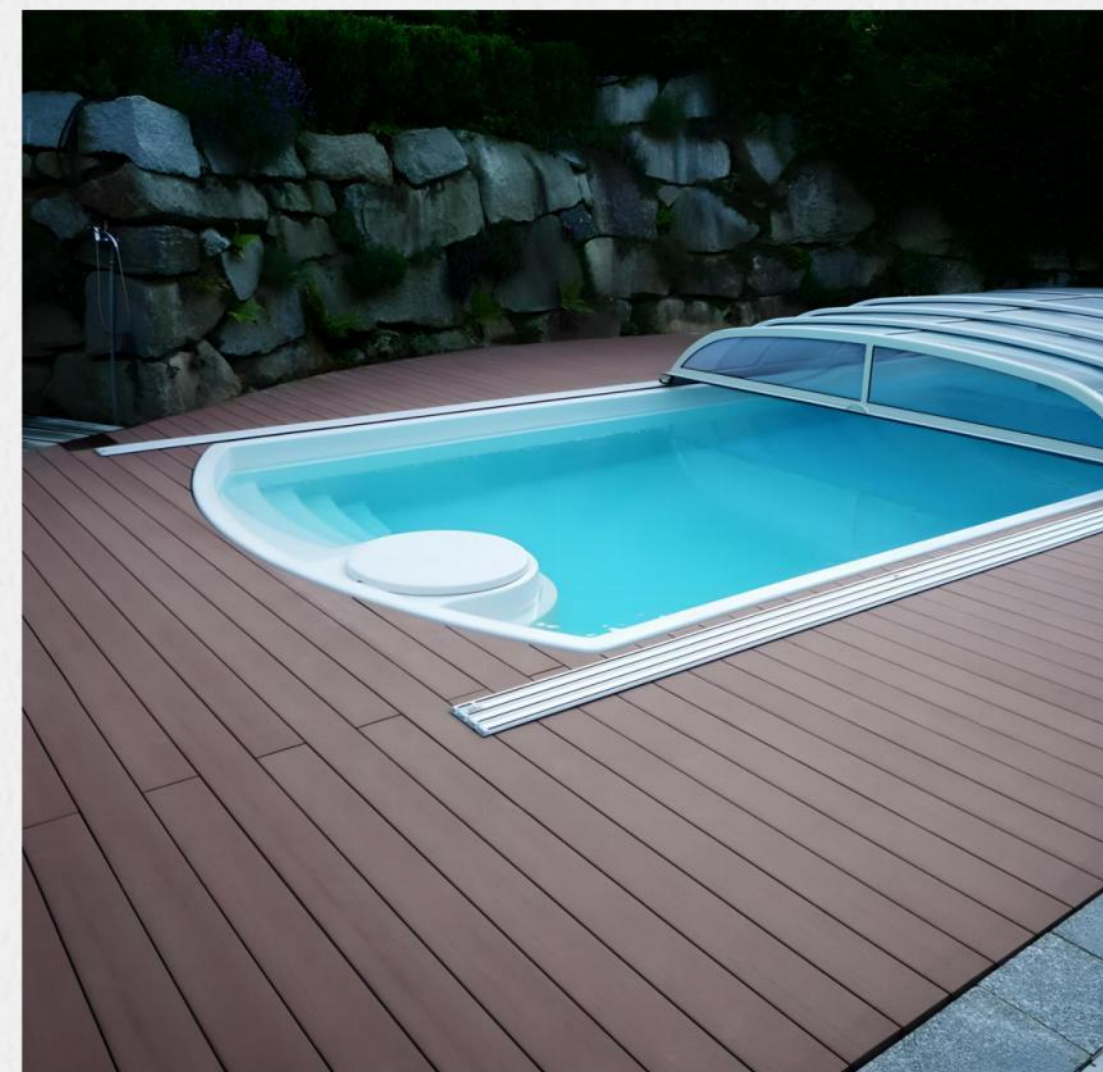
Conventional composite wood products offer the beauty of wood but without the drawbacks of potential corroding or splintering. When you choose composite, it means that you can have a great-performing product without the need for oiling or painting etc., and WPC will continue to last without rotting, cracking or splintering.



Wood plastic composite can be applied to decking, wall cladding, fencing, tiles, post and more, becoming the best choice for outdoor living.



Conventional Wood as the primarily alternative to natural wood timber, offers a better and more contemporary choice for outdoor building material in the market.



The unbeatable performance and undeniable beauty of Conventional Wood Composite Decking are the most important reasons that make it such an appealing option for outdoor living.

With minimal need to invest time and effort in its upkeep compared with the regular cleaning and sealing routine required with real wood, composite decking could work out to be a better value choice for you than traditional timber. Choosing Conventional Wood Composite Decking, you can get maintenance-free and vibrant color shade on one project.



Solid Joist for decking
Item ID: WL-LG4025C
Profile Size(mm): 40*25



Solid Joist for decking
Item ID: WL-LG4030C
Profile Size(mm): 40*30



Starting/Ending Clip (304)
Item ID: WL-DKSE



Starting/Ending Clip (304)
Item ID: WL-DKSE-1



Stainless Steel Clip (304)
Item ID: WL-DKF



Plastic clip (PP)
Item ID: WL-DKT



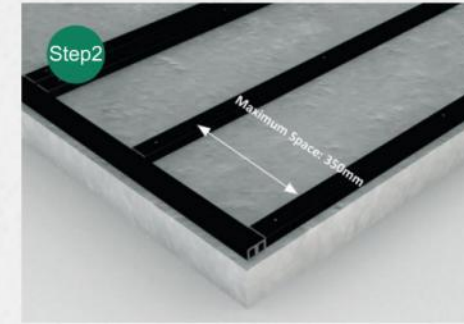
Locking Clip
Item ID: WL-DKC



Screw
Item ID: WL-DKS



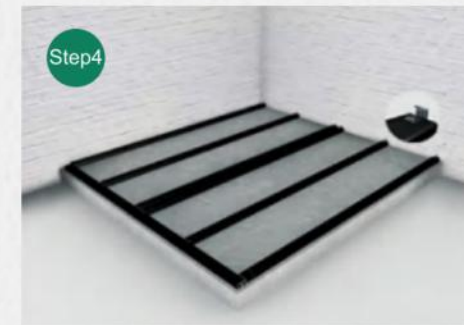
Step1



Step2



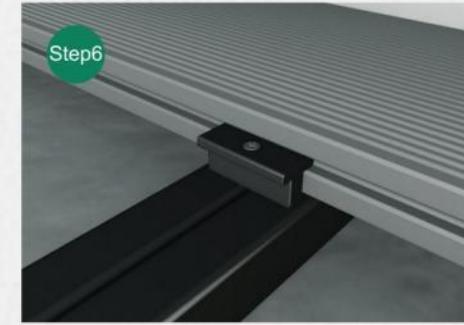
Step3



Step4



Step5



Step6



Step7



Step8



Step9

Step 1: Make sure the ground is flat.

Step 2: The maximum recommended joist space is 350mm.

Step 3: A 15mm gap should be left between the ends of joists and wall to avoid expansion

Step 4: A starter clip needs to be fixed to the end of the WPC joists before laying the first board.

Step 5: Put the first board and fix it to each joist it crosses using a row of starter clips.

Step 6: T-clips into the groove along the side of the board and screw them into the joists with the screws provided.

Step 7: Fit the next board by sliding it onto the T-Clips to secure the first board. Then repeat the above steps.

Step 8: The ends of boards must be fully supported. No overhang is allowed.

Step 9: Use fascia board to cover the end of decking to achieve the finish look.

Certificates

We spare no effort to reduce pollution, protect the environment, treat the earth, beautify the home for the concept of environmental protection to walk in the forefront of the environmental protection industry, we sincerely look forward to working with you to create a healthy environment space for all mankind, create a brilliant future.

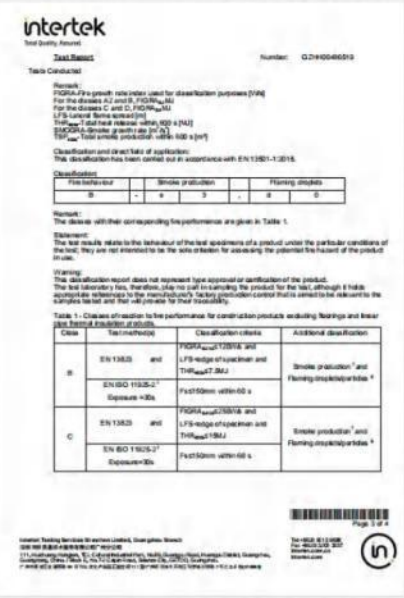
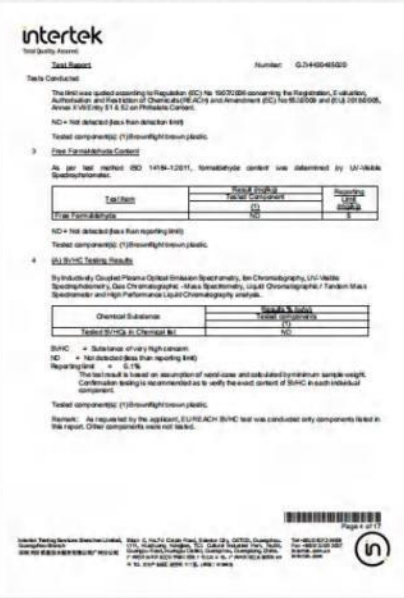
Galaxy·Aluminum Composites (Page06)	
Water absorption	0.08% before and after immersion
SVHCs Chemical	Not detected (less than reporting limit)
Fire rating class	Class Bs3d0
Light aging test	ΔE*ab=5.72 Grey Scale: 4 (Refer to co-extrusion cap)

Superior Wood Co-extrusion WPC (Page16)			
UV aging	ΔE: 1.92, Grey Scale: 4-5	Peeling Strength	1.24N/mm²
Abrasion Resistance	Wear index: 37.4mg/1000r	SVHC	Pass
Fire-Resistance class	Decking Bfl-s1, Cladding Bs1d0	Slip resistant	R10
Falling mass impact	Max. depth of residual indentation: 0.16mm		

Sandblasting Wood Co-extrusion WPC Decking (Page28)			
Tensile Strength	19.1 MPa	Impact strength	Max. depth of residual indentation: 0.26mm
Flexural Strength	25.3 MPa	Abrasion Resistance	Wear index: 13.2mg/1000r
Swelling in Thickness	0.18%	Slip resistant	R11

ACME Wood Co-extrusion WPC Decking (Page36)			
Tensile Strength	1.85N/mm²	Impact strength	Max. depth of residual indentation: 0.11mm
Brinell hardness	61N/mm²	Abrasion Resistance	Wear index: 12.4mg/1000r
Water absorption	0.43%	Slip resistant	R11

Conventional Wood WPC (Page44)			
Tensile Strength	19.2 MPa	Water absorption	2.9 %
Coefficient of friction	μ=0.25	Linear thermal expansion	1.06x10-4 (1/°C)
Impact resistance	35J	Fire-Resistance class	Decking Bfl-s1, Cladding Bs1d0
Shore hardness	A/72/1	Artificial weathering	1000 hours, Gray scale 2-3



Rising Product List

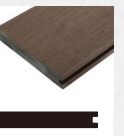
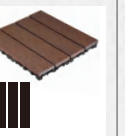
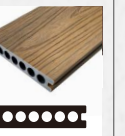
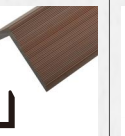
GALAXY · ALUMINUM COMPOSITES (PAGE 4)

Item ID	WL-ALT2515	WL-ALT5030	WL-ALT6040	WL-ALT6050	WL-ALT8040	WL-ALT12030	WL-ALD13923	WL-ALD13923M	WL-ALW11620	WL-ALW13813
Picture& Cross Section										
Size (mm)	W25*H15	W50*H30	W60*H40	W60*H50	W80*H40	W120*H30	W139*H23	W139*H23	W116*H20	W138*H13

SUPERIOR WOOD CO-EXTRUSION WPC DECKING (PAGE 14)

CO-EXTRUSION
NATURAL WOOD

CO-EXTRUSION
CORNER TRIM

Item ID	WL-SDK7111	WL-SDK14011	WL-SDK13923	WL-SDK14022	WL-SDK14023	WL-SS05	WL-NSDK13923-NW	WL-SGJ5050	WL-SGJ495495
Picture& Cross Section									
Size (mm)	W71*H11	W140*H11	W139*H23	W140*H22	W140*H23	W300*H300	W139*H23	W50*H50	W49.5*H49.5

SUPERIOR WOOD CO-EXTRUSION WPC WALL CLADDING (PAGE 14)

Item ID	WL-SQB21926X	WL-SQB21926H	WL-SQB21726	WL-SQB15426	WL-SQB14025	WL-SQB17713	WL-SQB17713H	WL-SQB15621	WL-SQB13018	WL-SQB14012
Picture& Cross Section										
Size (mm)	W219*H26	W219*H26	W217*H26	W154*H26	W140*H25	W117*H13	W117*H13	W156*H23	W130*H18	W140*H12

SUPERIOR WOOD CO-EXTRUSION WPC TUBE (PAGE 14)

Item ID	WL-SLZ5050		WL-SLZ6040		WL-SLZ10050		WL-SLZ15050		WL-SLZ120120	
Picture& Cross Section										
Size (mm)	W50*H50		W60*H40		W100*H50		W150*H50		W120*H120	

SANDBLASTED WOOD CO-EXTRUSION WPC DECKING (PAGE 26)

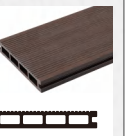
ACME WOOD CO-EXTRUSION
WPC DECKING (PAGE 34)

Item ID	WL-SSDK7111	WL-SSDK14011	WL-SSDK13923	WL-SSDK14022	WL-ADK14521	WL-ADK15023
Picture& Cross Section						
Size (mm)	W71*H11	W140*H11	W139*H23	W140*H22	W145*H21	W150*H23

CONVENTIONAL WOOD 2D / WPC SOLID DECKING (PAGE 42)

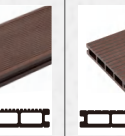
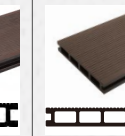
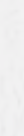
Item ID	WL-DK7111	WL-DK13520	WL-DK14021	WL-DK14025A	WL-DK14040A	WL-DK14530A	WL-DK15048
Picture& Cross Section							
Size (mm)	W71*H11	W135*H20	W140*H21	W140*H25	W140*H40	W145*H30	W150*H48

CONVENTIONAL WOOD 2D / WPC HOLLOW DECKING (PAGE 42)

Item ID	WL-DK10025	WL-DK13525A	WL-DK13525B	WL-DK13822	WL-DK14023	WL-DK14025	WL-DK14025C	WL-DK14025D	WL-DK14025E
Picture& Cross Section									
Size (mm)	W100*H25	W135*H25	W135*H25	W138*H22	W140*H23	W140*H25	W140*H25	W140*H25	W140*H25

CONVENTIONAL WOOD 2D / WPC HOLLOW DECKING (PAGE 42)

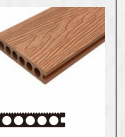
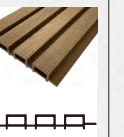
CONVENTIONAL WOOD
WPC DIY TILE (PAGE 49)

Item ID	WL-DK14025F	WL-DK14025S	WL-DK14521	WL-DK14523	WL-DK14525	WL-DK14623	WL-DK14630	WL-DK15025	WL-SN05	WL-DT001
Picture& Cross Section										
Size (mm)	W140*H25	W140*H25	W45*H21	W145*H23	W145*H25	W146*H23	W146*H30	W150*H25	W300*H300	W300*H300

CONVENTIONAL WOOD WPC
WALL CLADDING (PAGE 48)

CONVENTIONAL WOOD WPC
CORNER TRIM

CONVENTIONAL WOOD WPC
3D DEEP EMBOSSED (PAGE 46)

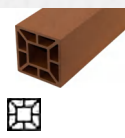
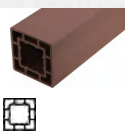
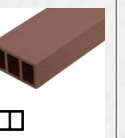
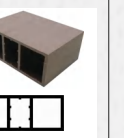
Item ID	WL-KQ14321	WL-QB15025	WL-QB15621	WL-QB21926	WL-GJ3838	WL-GJ5040	WL-DDK14025	WL-DDK14525	WL-QB21926DP
Picture& Cross Section									
Size (mm)	W143*H21	W150*H25	W156*H21	W219*H26	W38*H38	W50*H40	W140*H25	W145*H25	W219*H26

CONVENTIONAL WOOD WPC JOIST (PAGE 58)

CONVENTIONAL WOOD WPC FENCING (PAGE 50)

Item ID	WL-LG4025C	WL-LG4030C	WL-LG5040C	WL-LG4030	WL-FS8545	WL-FS12090	WL-LZ045	WL-LZ080	WL-LZ100
Picture& Cross Section									
Size (mm)	W40*H25	W40*H30	W50*H40	W40*H30	W85*H45	W120*H90	W45*H45	W80*H80	W100*H100

CONVENTIONAL WOOD WPC FENCING (PAGE 50)

Item ID	WL-LZ120	WL-LZ120A	WL-LZ150	WL-LZ200	WL-DT9832	WL-DT5732	WL-FZ9045	WL-FZ15045	WL-FZ20080
Picture& Cross Section									
Size (mm)	W120*H120	W120*H120	W150*H150	W200*H200	W98*H32	W57*H32	W90*H45	W150*H45	W200*H80

ACCESSORIES (P58)

Item ID	DKSE	DKSE-1	DKF	DKT	DKED	DKC	DKS	DKZ
Picture								