



Wallong Technology

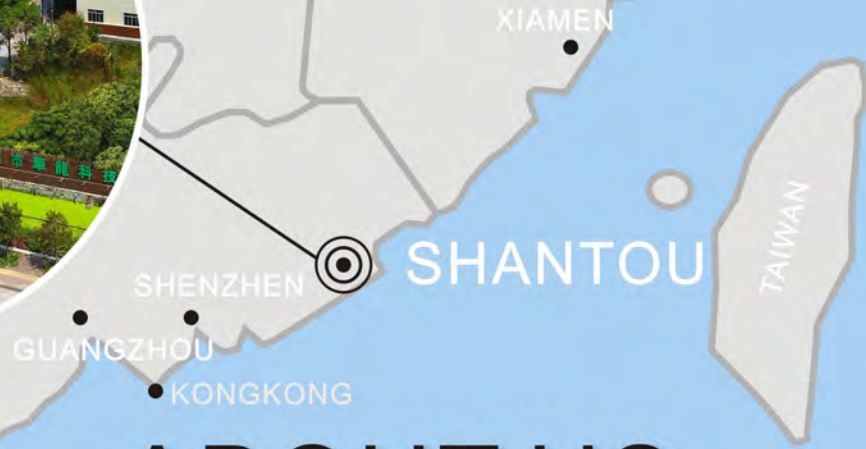
COMPOSITE WOOD



Decking | Cladding | Fencing | Tile

CONTENTS

About Us	01
Why Choose Us?	02
Projects	03
Acme Wood	21
Sandblasted	25
Superior Wood Decking	29
Superior Wood Cladding	33
Superior Wood Tile	35
Deep Embossed Composite	37
Conventional Decking	39
Conventional Tile	41
Conventional Cladding	42
Conventional Fencing	43
Installation Accessories	45
Product list	47



ABOUT US

Wallong Technology Co., Ltd was established in 2008. With the latest development of different ranges of product, Wallong opens up a new chapter in WPC sector. Complying with Quality Management Standards EN, ASTM , FSC Certificate and other international standards, Wallong's WPC products achieve beautifully natural wood effect with durability that can withstand the scratch, insect and the sun light. We are committed to providing the stylish design, high quality standard and reasonable price to customer.



WHY CHOOSE US?

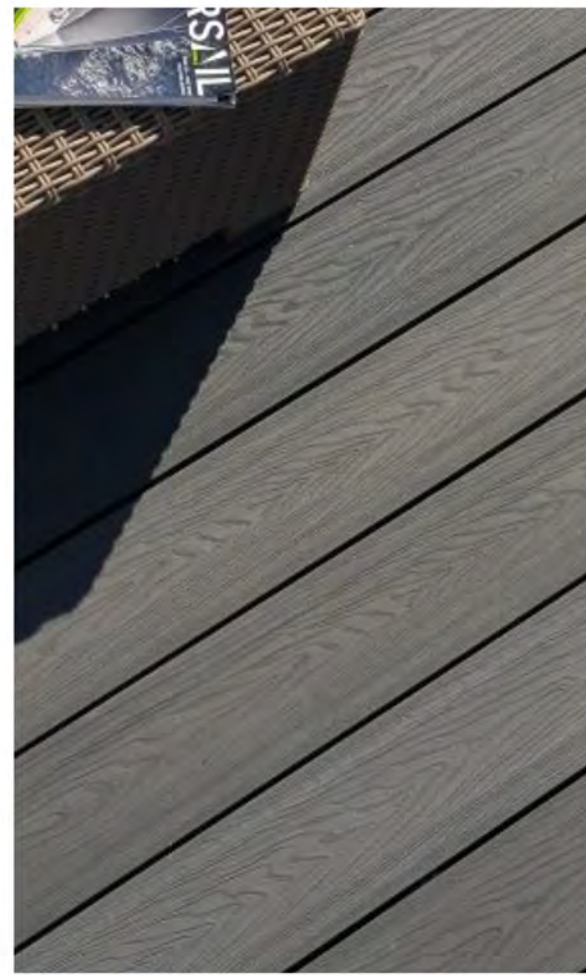


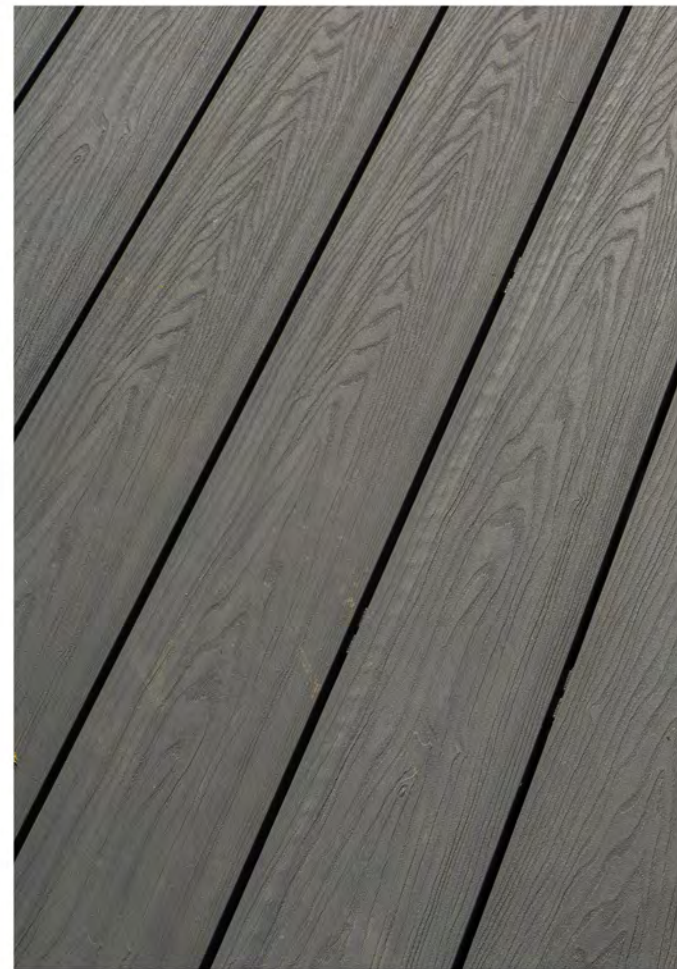
- 20+ years warranty for co-extrusion WPC
- Leading ability on developing new products
- Fire-resistant in excellent rating, Bfl-s1 & Bs2d0
- Wide ranges products, from 1st to 3rd generation
- Strong technical support by our labs testing and QC team
- Eco-friendly products reusing plastic and preventing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



ACME WOOD SOLUTION

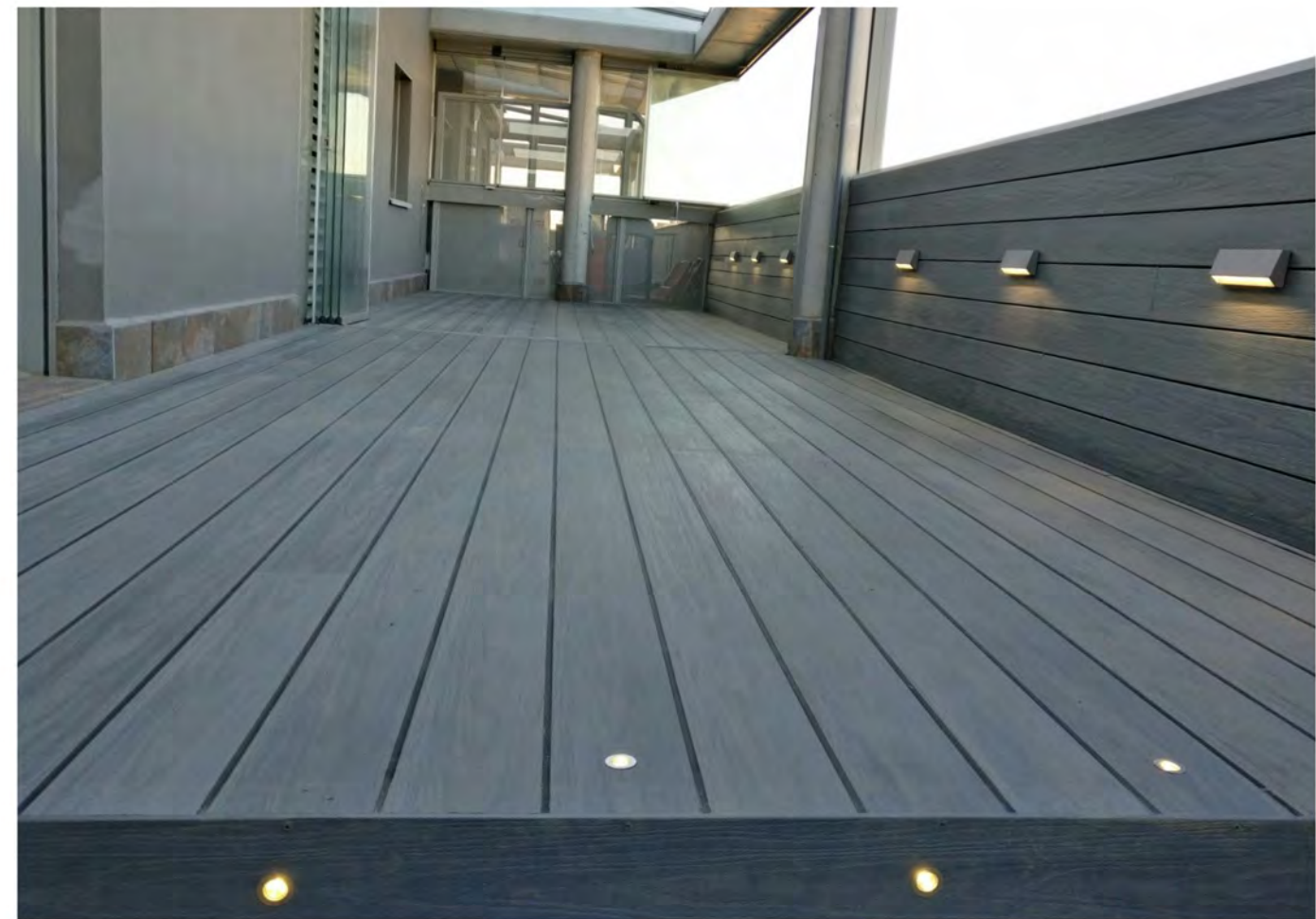
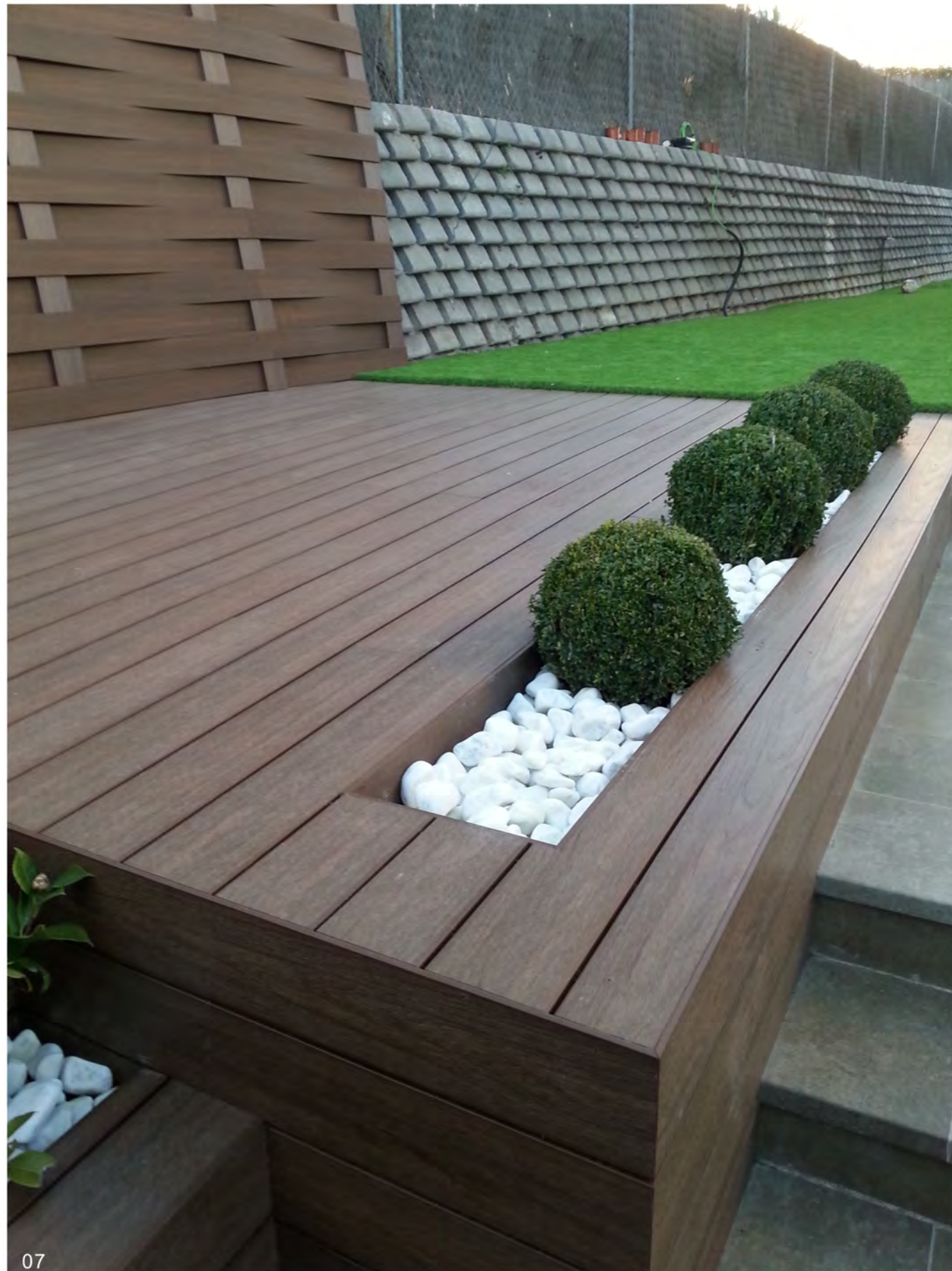
New Landscape with New Morden Design!
On Page 21





SUPERIOR WOOD SOLUTION

Better Decking, Better Living!
On Page 29



SUPERIOR WOOD SOLUTION

Beautiful & Long Lasting!
On Page 29



SUPERIOR WOOD SOLUTION

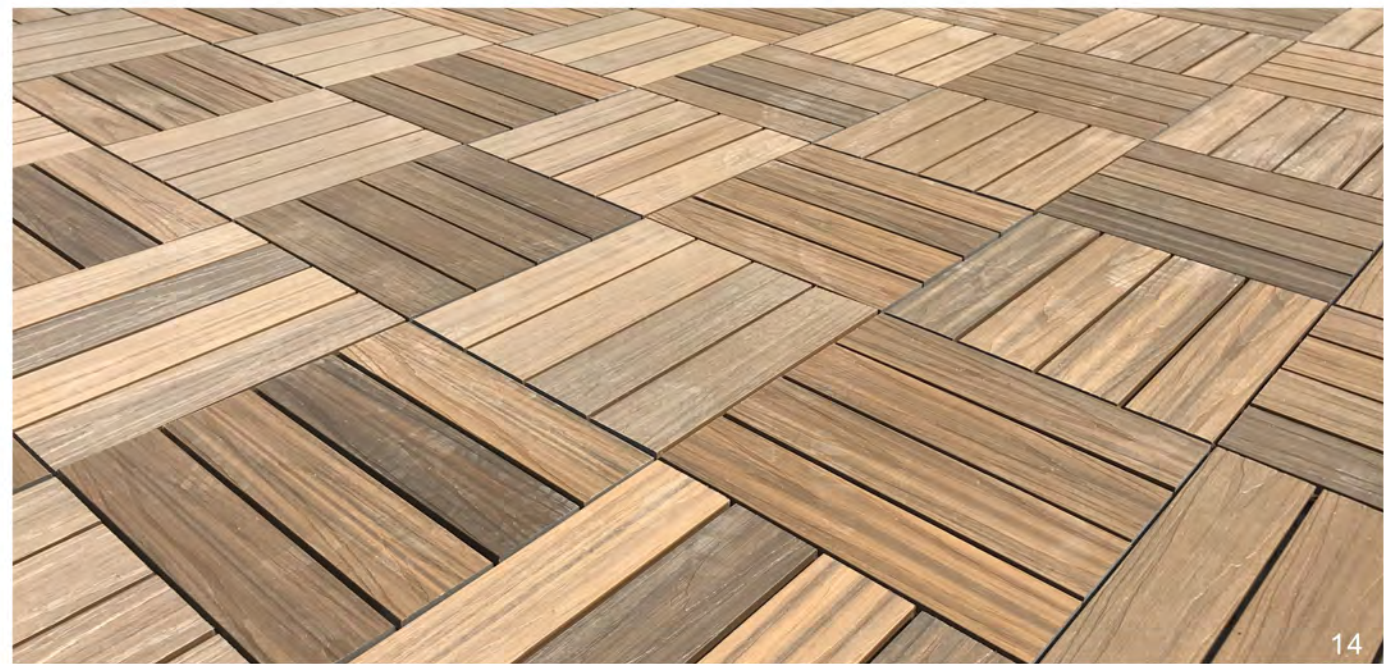
Nice Exterior Wall Covering.
On Page 33



SUPERIOR WOOD SOLUTION

Capped with Interlocking System.

On Page 35





CONVENTIONAL DECK TILES SOLUTION

Breathe new life into your balcony.
On Page 41



CONVENTIONAL WALL CLADDING SOLUTION

A modern and upmarket appeal for home.
On Page 42



CONVENTIONAL FENCING SOLUTION

The perfect design for your active backyard.
On Page 43



ACME WOOD

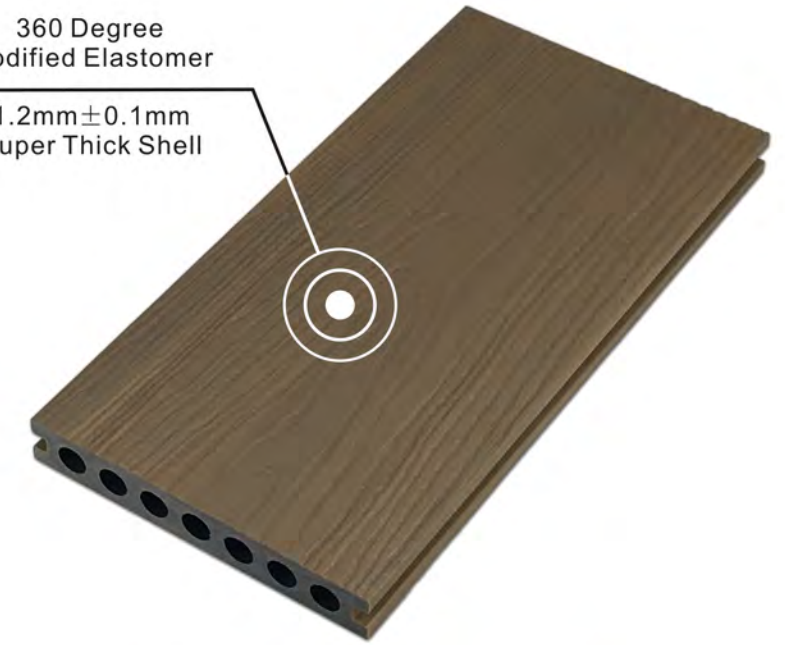
3rd Generation



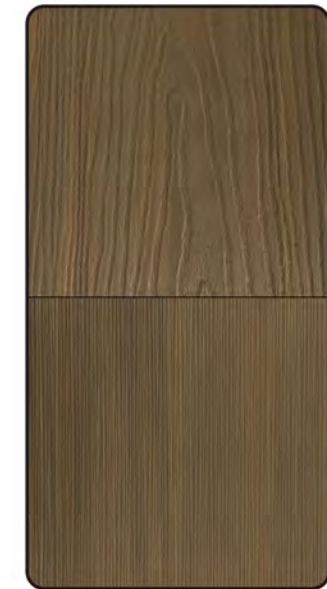
360 Degree Modified Elastomer

1.2mm ± 0.1mm Super Thick Shell

WL-ADK15023

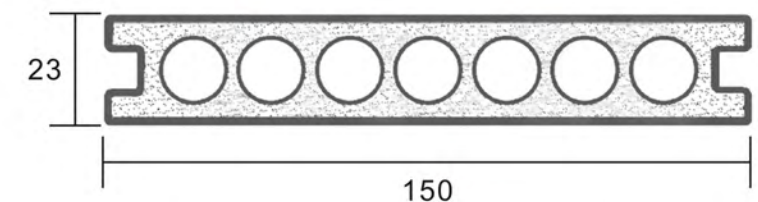


The soft texture decking is designed specifically for homeowners finding a personalized outdoor living solution that will improve their home when time goes by. With anti-slip, sound absorption, soft texture and UV resistance, Wallong ACME Wood gives you unprecedented experience of WPC Decking. ACME wood is a new product that you ever dream for.



Outer Armour

Fine Grain Reversible Side



All measurements are in millimeters.
For fixings please see page 45.

Benefits :

NEW

- Anti-Static
- Ultra Anti-Slip
- Soft Touching
- Sound Absorption
- Scratch Resistance
- Indentation Resistance

6 COLORS AVAILABLE



Material Specification

TEST ITEM	TEST PARAMETER	TEST RESULT
Anti-slip Property	DIN 51130:2014-02	R11
Falling mass impact resistance	Clause 7.1.2.1 of EN 15534-1:2014	0.11mm
Resistance to indentation	Clause 7.5 of EN 15534-1: 2014	61N/mm ²
Abrasion Resistance	ASTM D4060-14	12.4mg / 1000r
Pendulum Test	EN15534-1: 2014 ≥ 36	Length direction: 105 With direction:107
Swelling in thickness (24h)	ASTM D1037-12 Section 23 Method B	0.13%
Water absorption	ASTM D1037-12 Section 23 Method BA	0.43%
Mould Resistance Test	ASTM G21-2015	0
UV Ageing Testing	EN 15534-1: 2014 Section 8.1 and EN 927-6:2006a	Grey Sacle: 4.5 $\Delta E = 3.04$
Tensile Strength Perpendicular to The Plane	EN 319:1993	1.85 N/mm ²



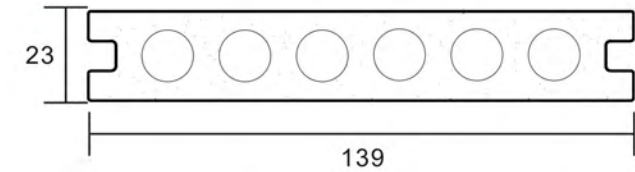
The color of the products is different from the effect of the camera and the display of the computer display.

SANDBLASTED

CO-EXTRUSION COMPOSITE



Sandblasted Decking's ultra matte surface and luxury colors create a permanent, gorgeous look that ahead of any other composites. With such a luxurious finish, and high-performance slip resistance, Sandblasted decking maintains its vibrant color and safety paradise for you and your lovely families. In any place that needs a high standard of fire resistance rating, Sandblasted can make it happen with our unique formula to achieve a EN standard Class B S1 grade. Sandblasted is a high standard production that can either be used for commercial projects or residential houses.



All measurements are in millimeters.

Profiles

Item No.	Cross Section	Board Type	Board Width	Board Thickness
WL-SSDK7111		Solid	71 mm	11 mm
WL-SSDK13923		Hollow	139 mm	23 mm
WL-SSDK14011		Solid	140 mm	11 mm
WL-SSDK14022		Solid	140 mm	22 mm

For fixings please see page 45.

B_{fl-s1}



Benefits :

- Ultra Matte
- Fire Resistant
- Ultra Anti-Slip
- Weather Resistant
- Ultra Anti Abrasion

6 COLORS AVAILABLE



Material Specification

TEST ITEM	TEST PARAMETER	TEST RESULT
Anti-slip Property	DIN 51130:2014-02	R11
Falling mass impact resistance	Clause 7.1.2.1 of EN 15534-1:2014	0.26mm
Resistance to indentation	Clause 7.5 of EN 15534-1: 2014	58N/mm ²
Abrasion Resistance	ASTM D4060-14	13.2mg / 1000r
Pendulum Test	EN15534-1: 2014 ≥ 36	Length direction : 93 With direction: 99
Swelling in thickness (24h)	ASTM D1037-12 Section 23 Method B	0.18%
Linear Thermal Expansion	ISO 11359-2:1999 Method A	36×10^{-6} K ⁻¹
Tensile Test	ASTM G21-2015	Strength : 19.10 MPa Modulus : 4154 Mpa
Flexural test	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength : 25.30MPa Modulus : 4160 Mpa
Temperature Effect (-29 $\pm 2^\circ\text{C}$)	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength : 33.90 MPa Modulus : 6030 Mpa
Temperature Effect (52 $\pm 2^\circ\text{C}$)	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength : 16.90 MPa Modulus : 2510Mpa
Moisture Effect (85%RH)	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength : 27.30 MPa Modulus : 4350 Mpa
Freeze Thaw Resistance	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength : 24.90 MPa Modulus : 3650 Mpa
UV Ageing Testing (2000h)	EN 15534-1: 2014 Section 8.1 and EN 927-6:2006a	Grey Scale: 4 $\Delta E = 5.72$



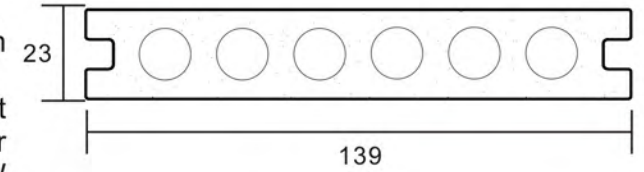
The color of the products is different from the effect of the camera and the display of the computer display.

SUPERIOR WOOD

CO-EXTRUSION COMPOSITE



Wallong Superior Wood is a way to transform your outdoor space that will give you the garden of your dreams with low maintenance. For an aesthetic appearance, maximum performance against mold, stains and fading, choose Wallong Superior Wood is your best choice to complete your high-caliber outdoor living without compromise. Wallong's NEW formula of superior wood has improvement on anti-slip level which gives you a save outdoor living environment.



All measurements are in millimeters.

Profiles

Item No.	Cross Section	Board Type	Board Width	Board Thickness
WL-SDK7111		Solid	71 mm	11 mm
WL-SDK13923		Hollow	139 mm	23 mm
WL-SDK14011		Solid	140 mm	11 mm
WL-SDK14022		Solid	140 mm	22 mm
WL-SDK14023		Solid	140 mm	23 mm

For fixings please see page 45.

Bfl-s1



Benefits :

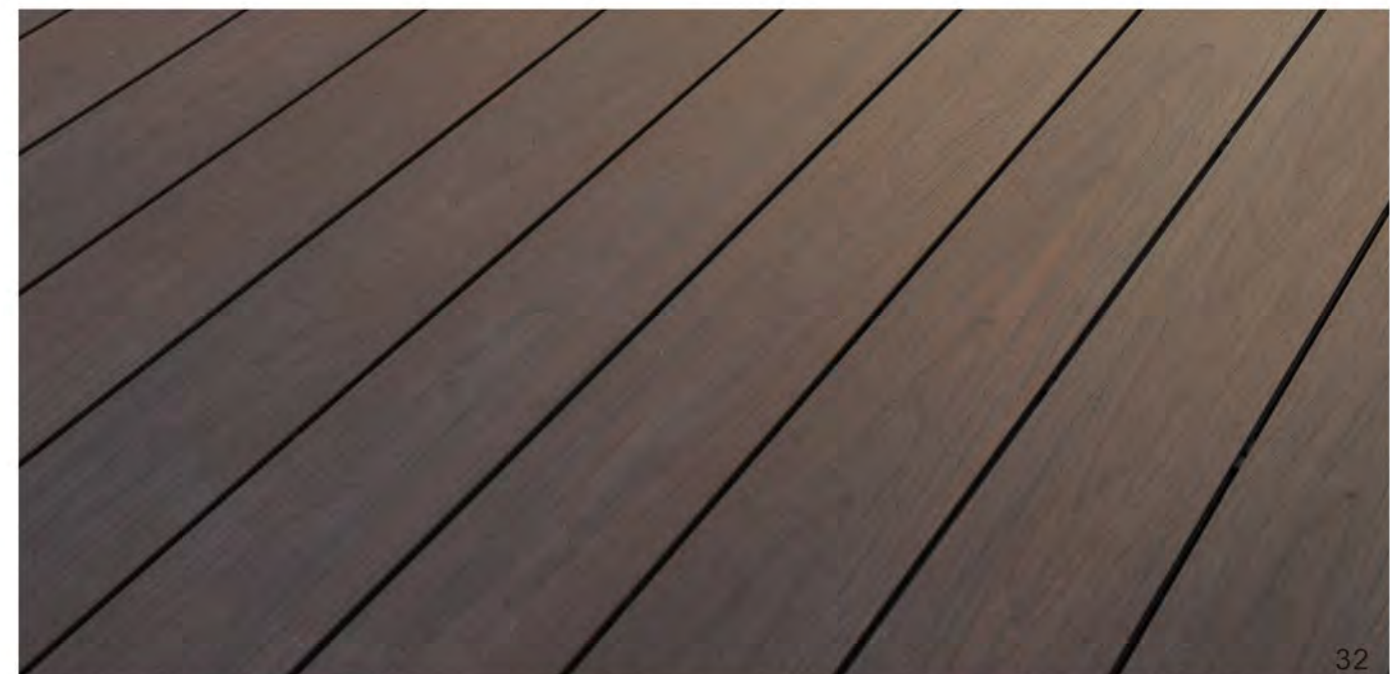
- Anti-Slip
- Fire Resistant
- Stain Resistant
- Scratch Resistant
- Natural Wood Texture

6 COLORS AVAILABLE



Material Specification

TEST ITEM	TEST PARAMETER	TEST RESULT
Anti-slip Property	DIN 51130:2014-02	R10
Falling mass impact resistance	Clause 7.1.2.1 of EN 15534-1:2014	0.16mm
Resistance to indentation	Clause 7.5 of EN 15534-1: 2014	61N/mm ²
Abrasion Resistance	ASTM D4060-14	37.40mg / 1000r
Pendulum Test	EN15534-1: 2014 ≥ 36	Length direction: 70 With direction: 82
Tensile Test	ASTM G21-2015	Strength : 19.10 MPa Modulus : 4154 Mpa
Flexural test	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength : 25.30MPa Modulus : 4160 Mpa
Temperature Effect (-29 $\pm 2^{\circ}\text{C}$)	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength : 33.90 MPa Modulus : 6030 Mpa
Temperature Effect (52 $\pm 2^{\circ}\text{C}$)	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength : 16.90 MPa Modulus : 2510Mpa
Moisture Effect (85%RH)	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength : 27.30 MPa Modulus : 4350 Mpa
Freeze Thaw Resistance	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength : 24.90 MPa Modulus : 3650 Mpa
UV Ageing Testing (2000h)	EN 15534-1: 2014 Section 8.1 and EN 927-6:2006a	Grey Scale: 4 $\Delta E = 5.72$



The color of the products is different from the effect of the camera and the display of the computer display.

SUPERIOR WOOD

CO-EXTRUSION WALL CLADDING

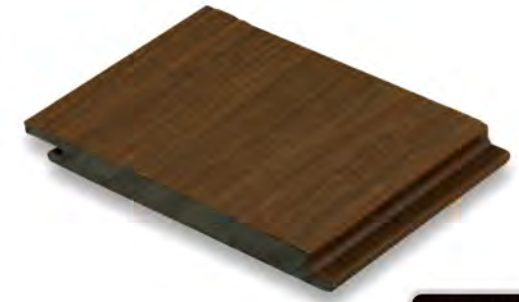
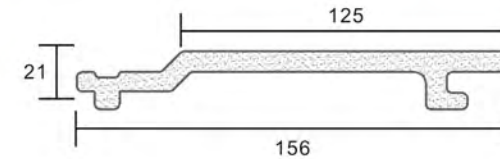


WL-SQB21926

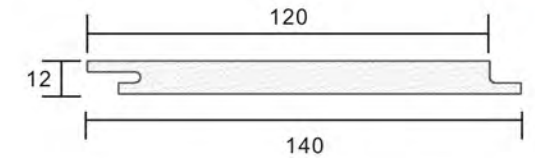
4-sided Polymer Shell
Modified HDPE



WL-SQB15621



WL-SQB14012



All measurements are in millimeters.

Material Specification

TEST ITEM	TEST PARAMETER	TEST RESULT
Flexural test	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength :27.70 MPa Modulus :2550 Mpa
Temperature Effect (-29 ±2°C)	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength :31.80 MPa Modulus :3270 Mpa
Temperature Effect (52 ±2°C)	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength :23.50 MPa Modulus :2480 Mpa
Moisture Effect (85%RH)	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength :28 MPa Modulus :2930 Mpa
Freeze Thaw Resistance	ASTM D7032-17 Section 4.4 and ASTM D4761-13 Section 8	Strength :26.70 MPa Modulus :2420 Mpa
UV Ageing Testing (2000h)	EN 15534-1: 2014 Section 8.1 and EN 927-6:2006a	Grey Scale: 4 ΔE = 5.72
Resistance to indentation	EN 15534-1:2014 Section 7.5	Brinell hardness:71.9 MPa
Charpy impact strength	EN ISO 179-1:2010	2.3 kJ/m2

Bs2d0

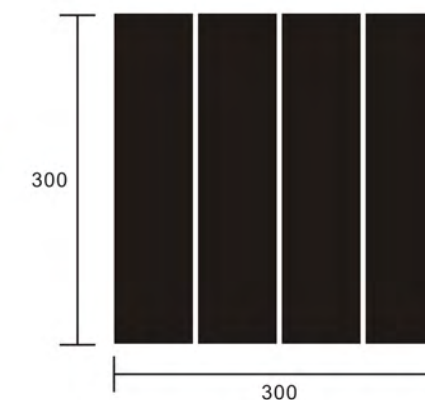
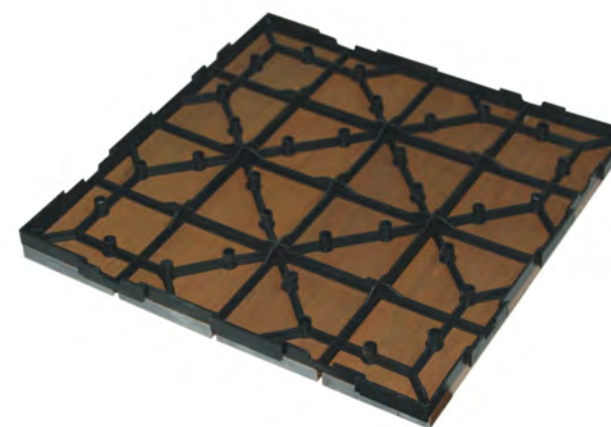
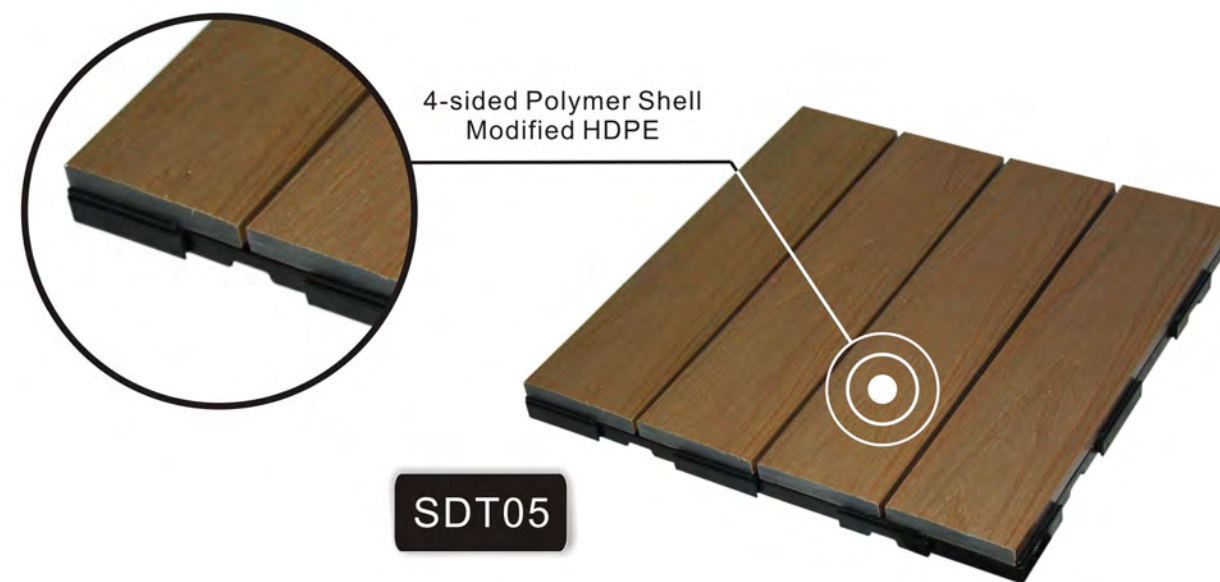
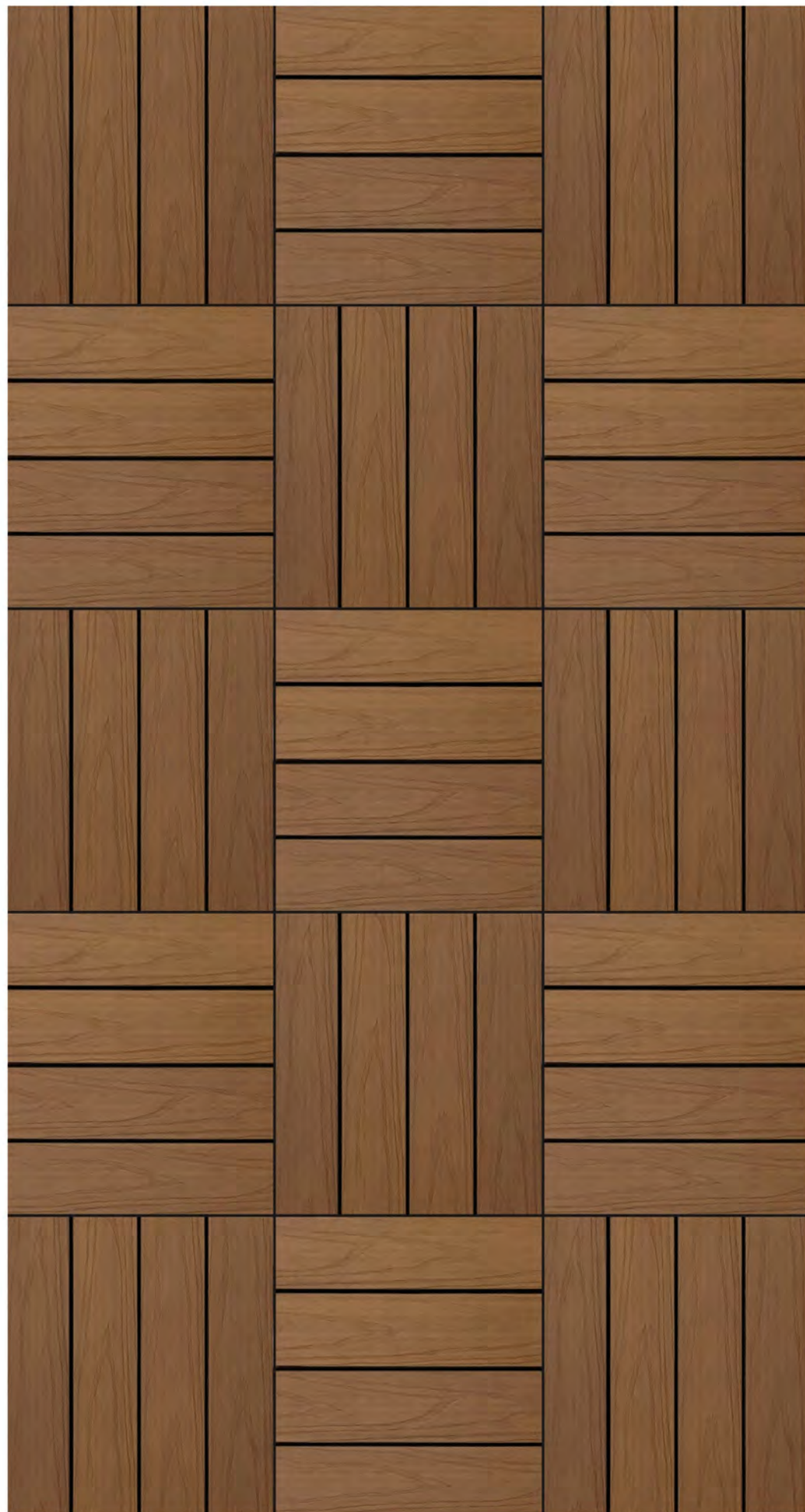


Benefits :

- Easy to Install
- UV Color Stable
- Fire Resistant
- Low maintenance
- Excellent ventilation

SUPERIOR WOOD

CO-EXTRUSION DECK TILES



All measurements are in millimeters.

Features

- Interlocking
- Woodgrain surface
- Protective outer armour
- Co-extruded Technology
- Easy Install and remove

Benefits

- Minimal UV Fade
- No Tool Required
- Free combination
- No Joists Required
- Natural Wood Appearance

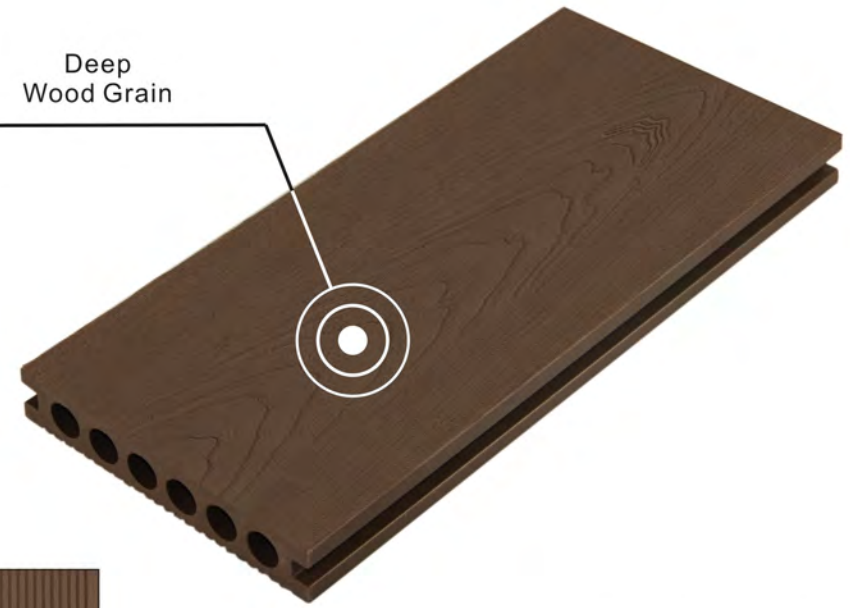


Superior Wood composite tiles are interlocking so no additional fixings are need. Care should be taken to ensure the product is laid onto a flat surface such as an existing patio or hardstanding.

DEEP EMBOSSED COMPOSITE



Deep Wood Grain



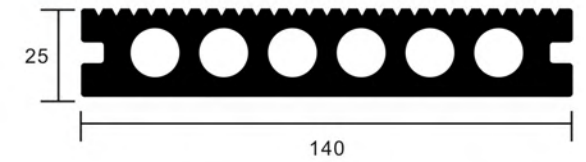
WL-DDK14025



3D Wood Grain



Groove



All measurements are in millimeters.

Durable

- Withstand to harsh weather, mildew and moisture. Resist stain and scratches.

Enduring

- Comparing with standard 1st generation WPC, 3D wood grain texture last longer.

Cost Effective

- No more painting, staining or sealing. Free your time.



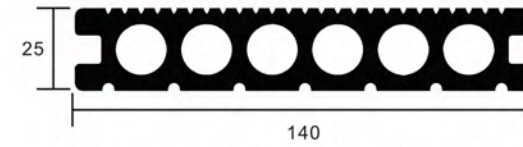
NEW

Wallong senses expectations hidden in your eyes. Deep Embossed Composite elevates the 1st generation WPC, gives you real wood texture with colors and low maintenance than a real wood deck.

CONVENTIONAL



Hollow Decking

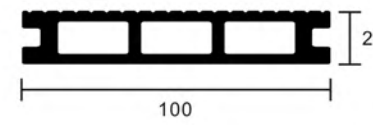


All measurements are in millimeters.

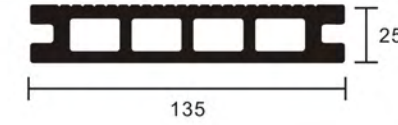


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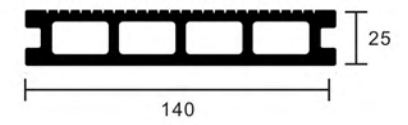
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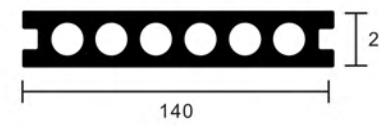
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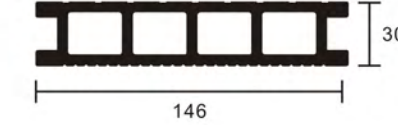
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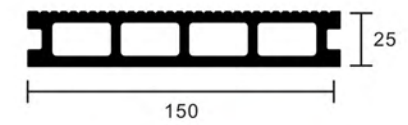
WL-DK14025D



WL-DK14630



WL-DK15025



Solid Decking

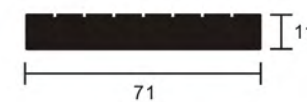


All measurements are in millimeters.

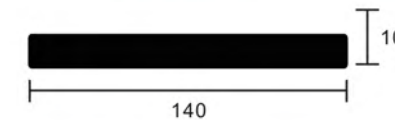


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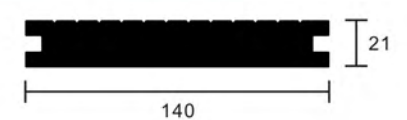
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WL-DK14010



WL-DK14021



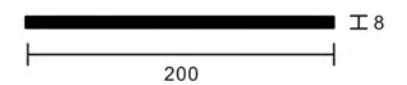
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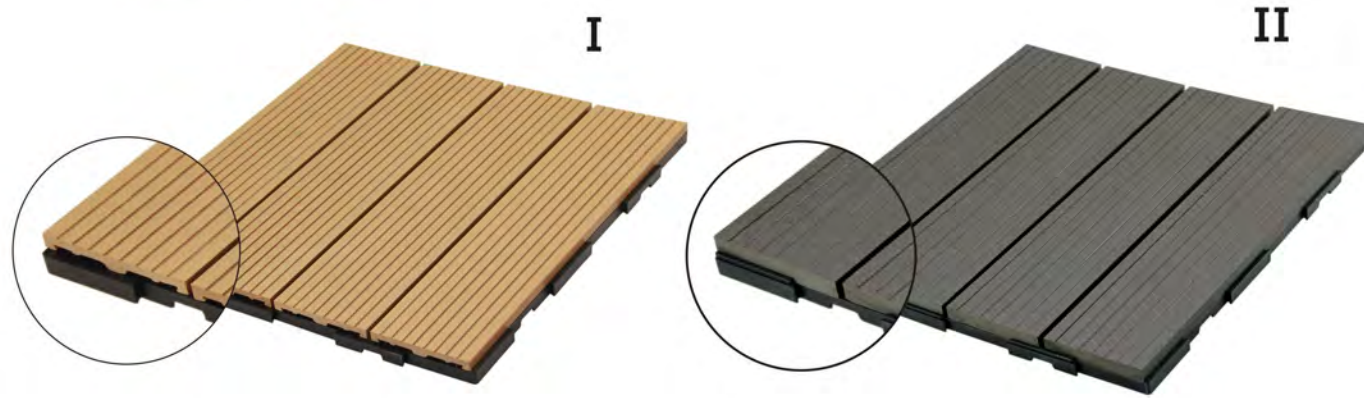
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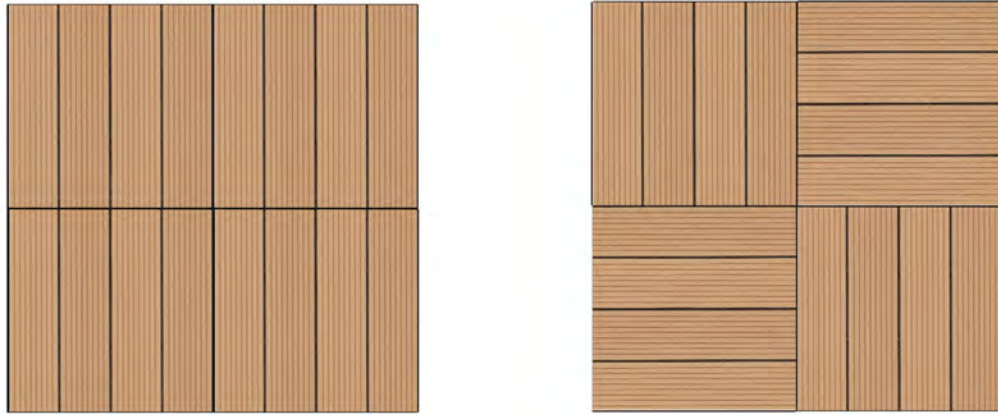
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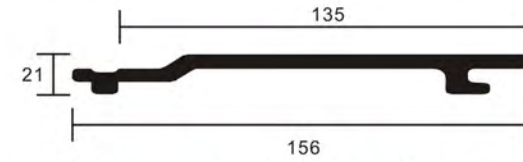
DIY Deck Tile



Flexible locking system allow you to lock tile from any side, and create your distinctive pattern.



Wall Cladding

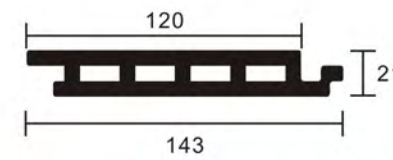


All measurements are in millimeters.

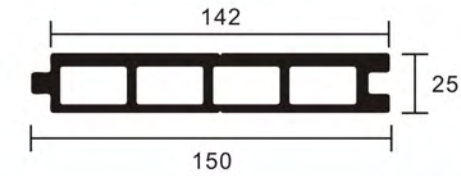


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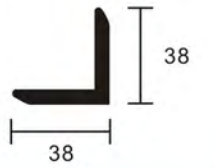
WL-KB14321



WL-QB15025



WL-GJ3838



Features

- Eco Friendly
- UV Color Stable
- Economic price
- Weather Resistant
- Rot, Splinter, Warp Resistant

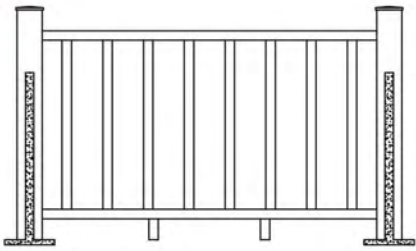
Benefits

- Long Lifespan
- Few Wasted Planks
- No Painting And Staining
- A beautiful and clean finishing
- Simple Cutting, Easy Installation

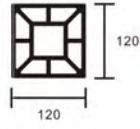
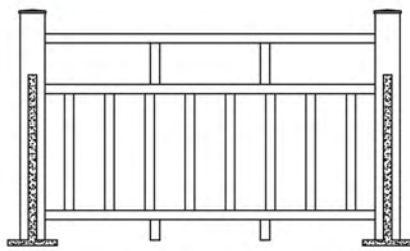


FENCING

FENCING 1



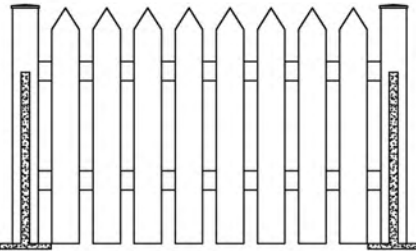
FENCING 2



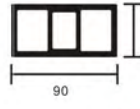
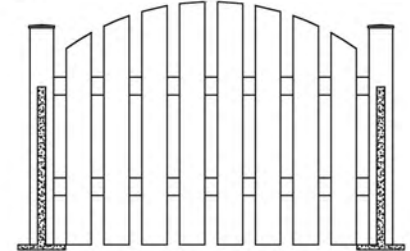
WL-LZ120



FENCING 3



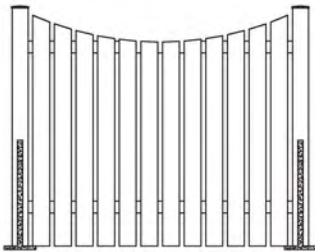
FENCING 4



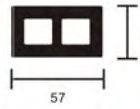
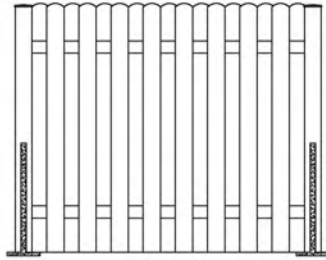
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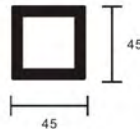
FENCING 5



FENCING 6



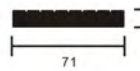
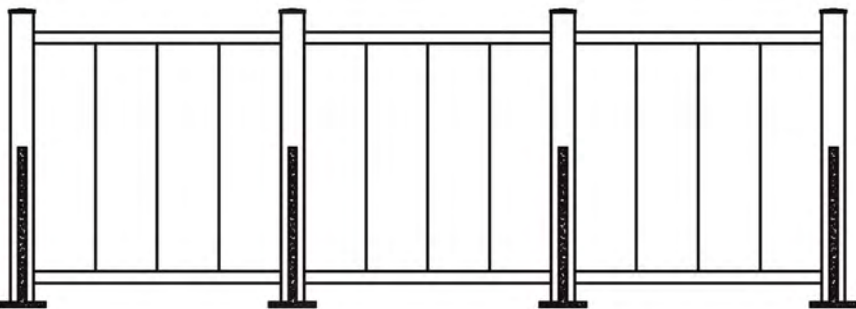
WL-DT5732



WL-LZ045



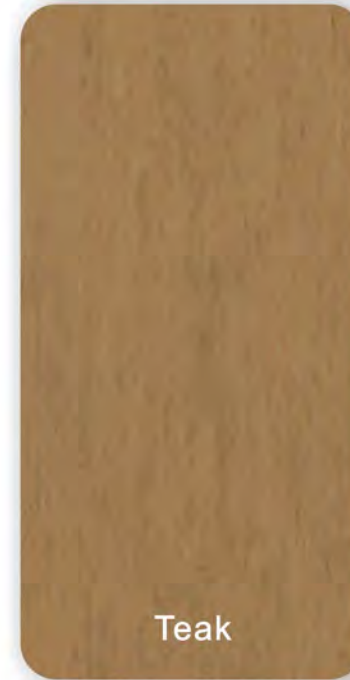
FENCING BOARD



WL-DK7111



6 COLORS AVAILABLE



Teak



Rose Red



Rust Red



Brown



Dark Brown

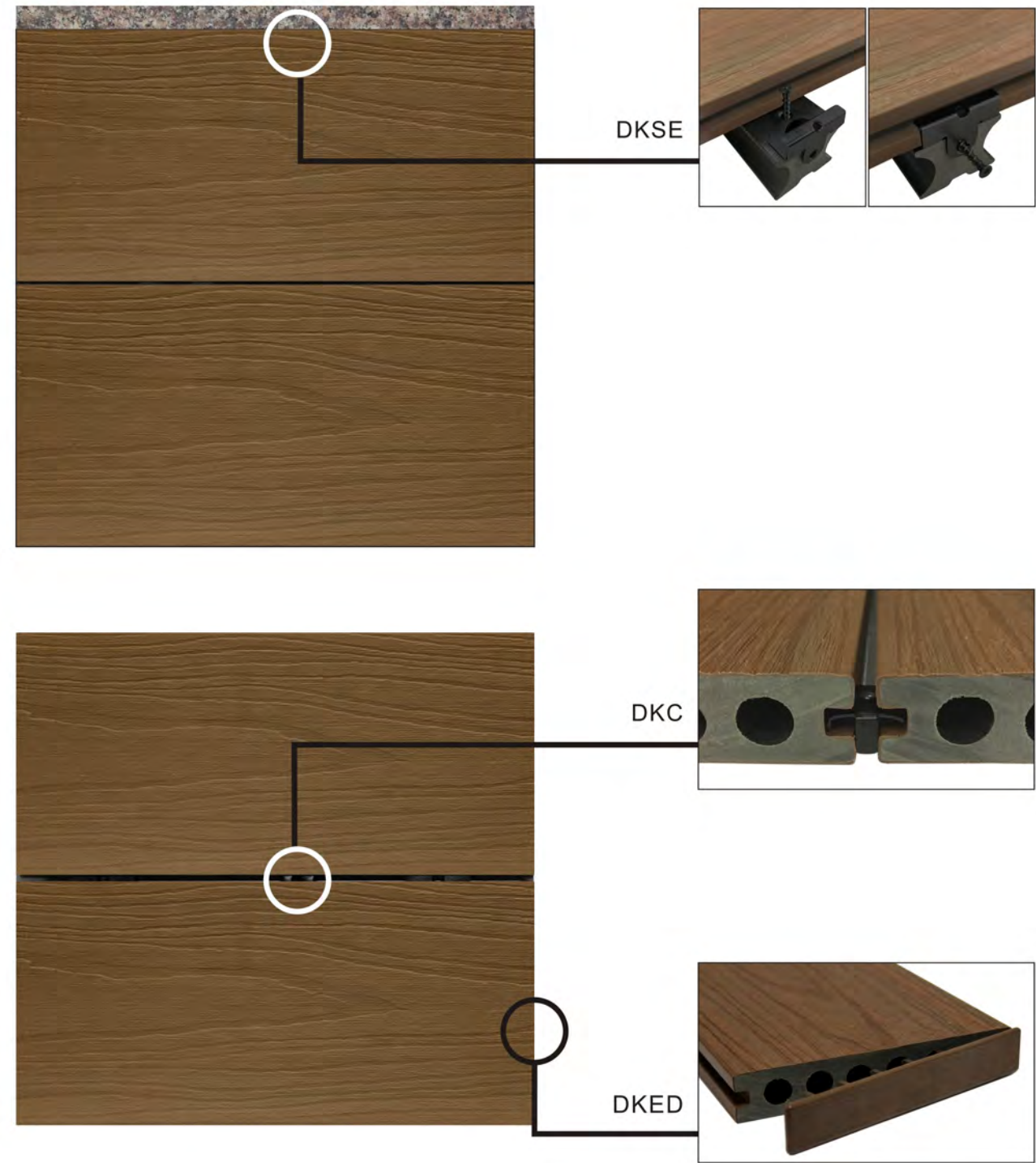
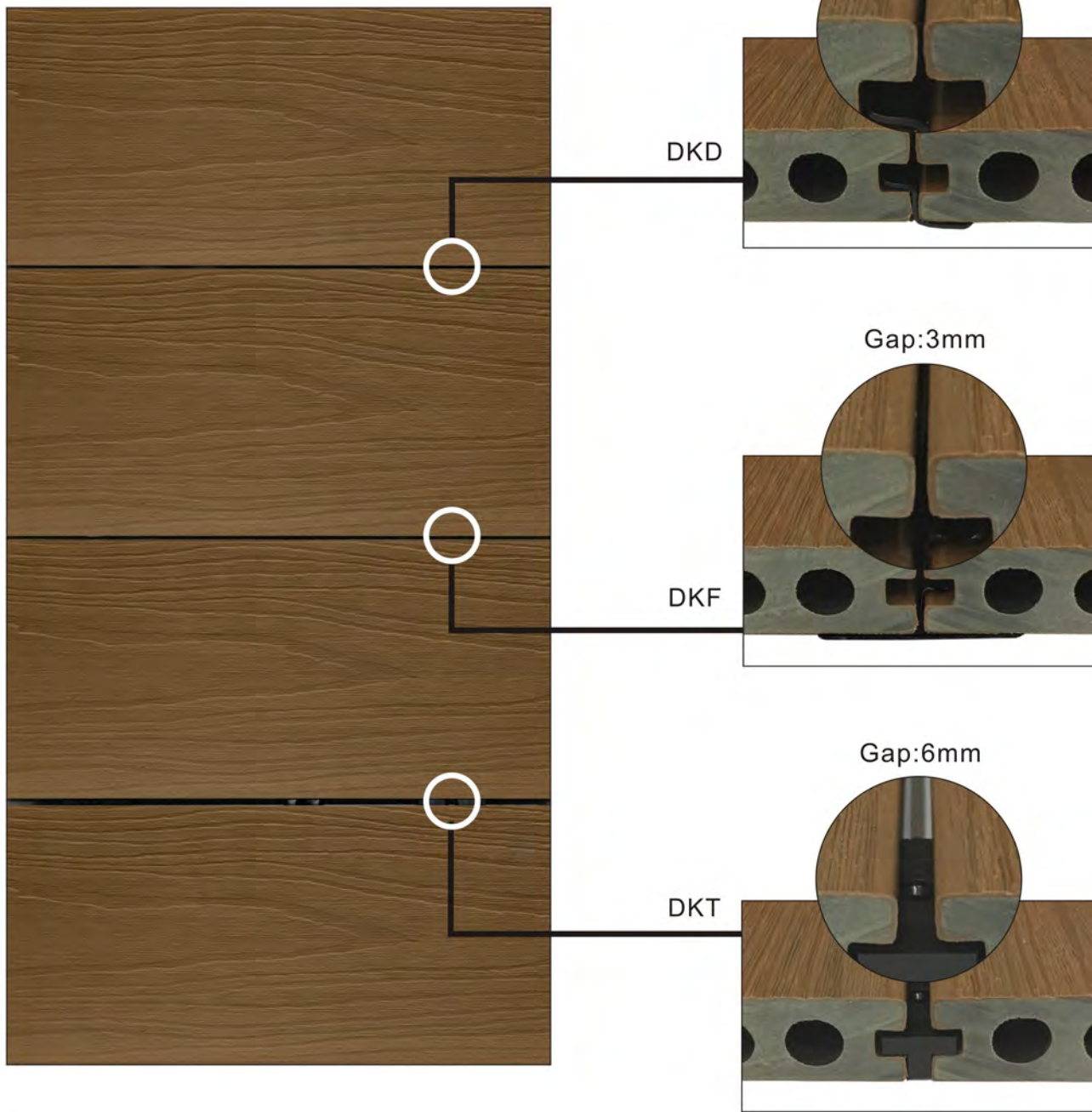


Black

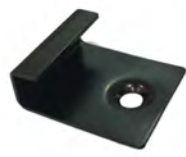
All measurements are in millimeters.

The color of the products is different from the effect of the camera and the display of the computer display.

INSTALLATION ACCESSORIE



DKSE



DKSE-1



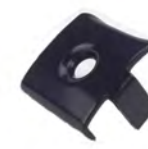
DKF



DKD



DKT



DKC



DKED



DKS



DKZ

ACME WOOD		SANDBLASTED			
Item No.	WL-ADK15023	WL-SSDK7111	WL-SSDK13923	WL-SSDK14011	WL-SSDK14022
Picture					
Cross Section					
Size (mm)	150 X 23	71 X 11	139 X 23	140 X 11	140 X 22
Remark	P21	P25	P25	P25	P25

SUPERIOR WOOD (CO-EXTRUSION)					
Item No.	WL-SDK7111	WL-SDK13923	WL-SDK14011	WL-SDK14022	WL-SDK14023
Picture					
Cross Section					
Size (mm)	71 X 11	139 X 23	140 X 11	140 X 22	140 X 23
Remark	P29	P29	P29	P29	P29

SUPERIOR WOOD (CO-EXTRUSION)					
Item No.	WL-SGJ5050	WL-SQB15621	WL-SQB14012	WL-SQB21926	WL-SDT05
Picture					
Cross Section					
Size (mm)	50 X 50	156 X 21	140 X 12	219 X 26	300 X 300
Remark	P33	P33	P33	P33	P35

DEEP EMBOSSED COMPOSITE	CONVENTIONAL HOLLOW FLOORING								
Item No.	WL-DDK14025	WL-DK10025	WL-DK13525A	WL-DK13525B	WL-DK13822	WL-DK14023	WL-DK14025	WL-DK14025C	WL-DK14025D
Picture									
Cross Section									
Size (mm)	140 X 25	100 X 25	135 X 25	135 X 25	138 X 22	140 X 23	140 X 25	140 X 25	140 X 25
Remark	P37	P39	P39	P39	P39	P39	P39	P39	P39

CONVENTIONAL HOLLOW FLOORING									
Item No.	WL-DK14025E	WL-DK14025S	WL-DK14025F	WL-DK14521	WL-DK14523	WL-DK14525	WL-DK14623	WL-DK14630	WL-DK15025
Picture									
Cross Section									
Size (mm)	140 X 25	140 X 25	140 X 25	145 X 21	145 X 23	145 X 25	146 X 23	146 X 30	150 X 25
Remark	P39	P39	P39	P39	P39	P39	P39	P39	P39

CONVENTIONAL SOLID FLOORING									
Item No.	WL-DK7111	WL-DK14025A	WL-DK14021	WL-DK14040A	WL-DK14530A	WL-DK15048	WL-DK1008	WL-DK2008	WL-DK2208
Picture									
Cross Section									
Size (mm)	71 X 11	140 X 25	140 X 21	140 X 40	145 X 30	150 X 48	100 X 8	200 X 8	220 X 8
Remark	P39	P39	P39	P39	P39	P39	P39	P39	P39

CONVENTIONAL DIY TILE	CONVENTIONAL WALL CLADDING				
Item No.	DT05	WL-KQ14321	WL-QB15025	WL-QB15621	WL-GJ3838
Picture					
Cross Section					
Size (mm)	300 X 300	143 X 21	150 X 25	156 X 21	38 X 38
Remark	P41	P42	P42	P42	P42

CONVENTIONAL FENCING PROFILE									
Item No.	WL-LG4025C	WL-LG4030	WL-LG4030C	WL-LG5040C	WL-FS8545	WL-FS12090	WL-LZ045	WL-LZ080	WL-LZ100
Picture									
Cross Section									
Size (mm)	40 X 25	40 X 30	40 X 30	50 X 40	85 X 45	120 X 90	45 X 45	80 X 80	100 X 100
Remark	P43	P43	P43	P43	P43	P43	P43	P43	P43

CONVENTIONAL FENCING PROFILE									
Item No.	WL-LZ120	WL-LZ120A	WL-LZ150	WL-LZ200	WL-DT9832	WL-DT5732	WL-FZ9045	WL-FZ15045	WL-FZ20080
Picture									
Cross Section									
Size (mm)	120 X 120	120 X 120	150 X 150	200 X 200	98 X 32	57 X 32	90 X 45	150 X 45	200 X 80
Remark	P43	P43	P43	P43	P43	P43	P43	P43	P43

ACCESSORIES									
Item No.	DKSE	DKSE-1	DKF	DKD	DKT	DKED	DKC	DKS	DKZ
Picture									
Remark	P45	P45	P45	P45	P45	P45	P45	P45	P45

Remark: The color of the products is different from the effect of the camera and the display of the computer display. The picture is reference only and does not make any appointment. The size of the label allows from effect of 1.



We recycle the equivalent of **3,000** bottle caps per square meter of decking.

We recycle the equivalent of **280** plastic bottles per square meter of decking.

What is HDPE?

High Density Poly Ethylene (HDPE) is a thermoplastic polymer made from petroleum. As one of the most versatile plastic materials around, Known for its outstanding tensile strength and large strength-to-density ratio, HDPE plastic has a high-impact resistance and melting point.

Recycle plastic HDPE?

- Milk jugs
- Plastic bottles
- Shampoo bottles
- Piping
- Bleach bottles
- Cutting boards

How long does HDPE last?

450 Years.



We not only recycle plastic to reduce pollution, but we also save the forest and save the world.

SHOWROOM

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Cheng Building, No.390
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Guangzhou, China

MANUFACTURER

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TIMBER FOR THE FUTURE

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