

WPC ECHO DECK

Safe and Durable Decking
Outdoor Wood Plastic Composite Products





WPC ECHO DECKING

Advantages of WPC

- Elegant and Conventional Designs
- Bare Foot Safe
- Slip Resistant Surface
- Easy Maintenance & Repair
- Termites and Insects Free
- Fast Installation
- Precise in Size, Shape, Color as well as Consistent Length.
- No high Ongoing Maintenance, Durable, Safe, to be used for Many Years and Environment Friendly.

Benefits

- Natural Wood Look
- Low Maintenance
- No trip Hazards
- Long Lifespan
- Concealed Fixing
- No Splintering
- UV/Color Stablished
- Slip Resistant
- Water Resistant



HOLLOW DECKING PROFILE



21-100006 Brown



21-100007 Light Brown



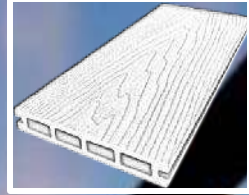
21-100008 Dark Grey



21-100009 Coffee



21-100012 Beige



Features	Standards	Unit	Value
PRODUCT SPECIFICATION			
Product	Echo Deck WPC Hollow Decking		
Composition	PE Plastic, Wood Powder and Additives		
Application	Outdoor Flooring		
Thickness	EN ISO 24346	mm	21 mm
Length x Width	EN ISO 24341	mm	2200mm x 146mm
CLASSIFICATION			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	Ω	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
PRODUCT PERFORMANCE			
Dimensional Stability	EN15534-1:2014	%	≤ 0.3
Swelling and Water Absorption	EN317:1993	%	5.0
Thermal Conductivity	EN12667	W/(m.k)	0.050
Castor Wheel Test	EN425		Suitable
Wear Resistance	EN660.2	mm ³	≤ 3.5
Abrasion Group	EN649	Group	P
Residual Indentation	EN ISO 24343.1	mm	About 0.04
Color Fastness	ASTM G154	Scale	3
Chemical Product Resistance	EN ISO 26987		Good
Anti-bacterial Property	EN ISO 846-C		No Bacterial Grow
Hygiene Treatment	MRSA		Very Good
Impact Sound Reduction	EN ISO 10140/1 EN ISO 717/2		Approx. +4DB
Surface Treatment			PUR



HOLLOW DECKING PROFILE



21-100018 Maple



21-100019 Cedar



21-100020 Dark Brown



21-100021 Dark Grey



21-100022 Pineapple



WPC ECHO DECK

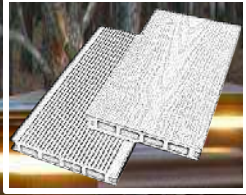
HOLLOW DECKING PROFILE



21-100023 Dark Brown



21-100024 Maple



Features	Standards	Unit	Value
PRODUCT SPECIFICATION			
Product	Echo Deck WPC Hollow Decking		
Composition	PE Plastic, Wood Powder and Additives		
Application	Outdoor Flooring		
Thickness	EN ISO 24346	mm	22 mm
Length x Width	EN ISO 24341	mm	2400mm x 146mm
CLASSIFICATION			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	Ω	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
PRODUCT PERFORMANCE			
Dimensional Stability	EN15534-1:2014	%	≤ 0.3
Swelling and Water Absorption	EN317:1993	%	5.0
Thermal Conductivity	EN12667	W/(m.k)	0.050
Castor Wheel Test	EN425		Suitable
Wear Resistance	EN660.2	mm ³	≤ 3.5
Abrasion Group	EN649	Group	P
Residual Indentation	EN ISO 24343.1	mm	About 0.04
Color Fastness	ASTM G154	Scale	3
Chemical Product Resistance	EN ISO 26987		Good
Anti-bacterial Property	EN ISO 846-C		No Bacterial Grow
Hygiene Treatment	MRSA		Very Good
Impact Sound Reduction	EN ISO 10140/1 EN ISO 717/2		Approx. +4DB
Surface Treatment			PUR



WPC ECHO DECK

HOLLOW DECKING PROFILE



21-100025 Brown



21-100026 Grey Black



21-100027 Mocha



21-100028 Teak



21-100029 Light Grey



21-100030 White

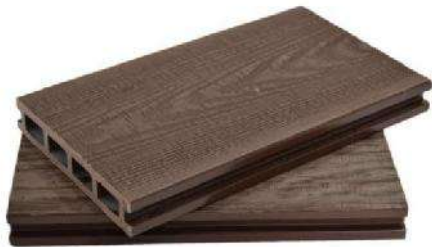


Features	Standards	Unit	Value
PRODUCT SPECIFICATION			
Product	Echo Deck WPC Hollow Decking		
Composition	PE Plastic, Wood Powder and Additives		
Application	Outdoor Flooring		
Thickness	EN ISO 24346	mm	24 mm
Length x Width	EN ISO 24341	mm	2400mm x 146mm
CLASSIFICATION			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	Ω	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
PRODUCT PERFORMANCE			
Dimensional Stability	EN15534-1:2014	%	≤ 0.3
Swelling and Water Absorption	EN317:1993	%	5.0
Thermal Conductivity	EN12667	W/(m.k)	0.050
Castor Wheel Test	EN425		Suitable
Wear Resistance	EN660.2	mm ³	≤ 3.5
Abrasion Group	EN649	Group	P
Residual Indentation	EN ISO 24343.1	mm	About 0.04
Color Fastness	ASTM G154	Scale	3
Chemical Product Resistance	EN ISO 26987		Good
Anti-bacterial Property	EN ISO 846-C		No Bacterial Grow
Hygiene Treatment	MRSA		Very Good
Impact Sound Reduction	EN ISO 10140/1 EN ISO 717/2		Approx. +4DB
Surface Treatment			PUR



WPC ECHO DECK

HOLLOW DECKING PROFILE



21-100031 Brown



21-100032 Teak



21-100033 Silver



Features	Standards	Unit	Value
PRODUCT SPECIFICATION			
Product	Echo Deck WPC Hollow Decking		
Composition	PE Plastic, Wood Powder and Additives		
Application	Outdoor Flooring		
Thickness	EN ISO 24346	mm	24 mm
Length x Width	EN ISO 24341	mm	2200mm x 145mm
CLASSIFICATION			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	Ω	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
PRODUCT PERFORMANCE			
Dimensional Stability	EN15534-1:2014	%	≤ 0.3
Swelling and Water Absorption	EN317:1993	%	5.0
Thermal Conductivity	EN12667	W/(m.k)	0.050
Castor Wheel Test	EN425		Suitable
Wear Resistance	EN660.2	mm ³	≤ 3.5
Abrasion Group	EN649	Group	P
Residual Indentation	EN ISO 24343.1	mm	About 0.04
Color Fastness	ASTM G154	Scale	3
Chemical Product Resistance	EN ISO 26987		Good
Anti-bacterial Property	EN ISO 846-C		No Bacterial Grow
Hygiene Treatment	MRSA		Very Good
Impact Sound Reduction	EN ISO 10140/1 EN ISO 717/2		Approx. +4DB
Surface Treatment			PUR



WPC ECHO DECK

SEMI SOLID DECKING PROFILE



21-100051 Coffee



21-100052 Grey



Features	Standards	Unit	Value
PRODUCT SPECIFICATION			
Product	Echo Deck WPC Semi Solid Decking		
Composition	PE Plastic, Wood Powder and Additives		
Application	Outdoor Flooring		
Thickness	EN ISO 24346	mm	23 mm
Length x Width	EN ISO 24341	mm	2200mm x 146mm
CLASSIFICATION			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	Ω	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
PRODUCT PERFORMANCE			
Dimensional Stability	EN15534-1:2014	%	≤ 0.3
Swelling and Water Absorption	EN317:1993	%	5.0
Thermal Conductivity	EN12667	W/(m.k)	0.050
Castor Wheel Test	EN425		Suitable
Wear Resistance	EN660.2	mm ³	≤ 3.5
Abrasion Group	EN649	Group	P
Residual Indentation	EN ISO 24343.1	mm	About 0.04
Color Fastness	ASTM G154	Scale	3
Chemical Product Resistance	EN ISO 26987		Good
Anti-bacterial Property	EN ISO 846-C		No Bacterial Grow
Hygiene Treatment	MRSA		Very Good
Impact Sound Reduction	EN ISO 10140/1 EN ISO 717/2		Approx. +4DB
Surface Treatment			PUR





21-100053 Teak



21-100054 Brown



21-100055 Light Grey



21-100056 Coffee



Features	Standards	Unit	Value
PRODUCT SPECIFICATION			
Product	Echo Deck WPC Semi Solid Decking		
Composition	PE Plastic, Wood Powder and Additives		
Application	Outdoor Flooring		
Thickness	EN ISO 24346	mm	23 mm
Length x Width	EN ISO 24341	mm	2400mm x 146mm
CLASSIFICATION			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	Ω	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
PRODUCT PERFORMANCE			
Dimensional Stability	EN15534-1:2014	%	≤ 0.3
Swelling and Water Absorption	EN317:1993	%	5.0
Thermal Conductivity	EN12667	W/(m.k)	0.050
Castor Wheel Test	EN425		Suitable
Wear Resistance	EN660.2	mm ³	≤ 3.5
Abrasion Group	EN649	Group	P
Residual Indentation	EN ISO 24343.1	mm	About 0.04
Color Fastness	ASTM G154	Scale	3
Chemical Product Resistance	EN ISO 26987		Good
Anti-bacterial Property	EN ISO 846-C		No Bacterial Grow
Hygiene Treatment	MRSA		Very Good
Impact Sound Reduction	EN ISO 10140/1 EN ISO 717/2		Approx. +4DB
Surface Treatment			PUR



WPC ECHO DECK

SOLID DECKING PROFILE



21-100060 Coffee



21-100061 Yellow



21-100062 White



Features	Standards	Unit	Value
PRODUCT SPECIFICATION			
Product	Echo Deck WPC Solid Decking		
Composition	PE Plastic, Wood Powder and Additives		
Application	Outdoor Flooring		
Thickness	EN ISO 24346	mm	23 mm
Length x Width	EN ISO 24341	mm	2200mm x 146mm
CLASSIFICATION			
Fire Rating	EN13501	Class	B-S1
Mean PTV Dry	EN15534		86
Mean PTV Wet	EN15534		42
Slip Potential Dry	EN15534	CEN/TS 15676:2007	Low
Slip Potential Wet	EN15534	CEN/TS 15676:2007	Low
Features	Standards	Test Result	
PRODUCT PERFORMANCE			
Hardness	>58HRR	65HRR	
Moisture Content	<2%	0.3%	
Modulus of Rupture	>20 Mpa	28 Mpa	
Modulus of Elasticity	>1800 Mpa	2611 Mpa	
Thickness of Swelling	>1%	0.4%	
Size Change – Calefaction	+2.5%	0.10%	
Resistance to Wear	<0.08g/100r	0.077g/100r	
Size Change H/L Temp.	+0.2%	-0.10%	
Screw Holding Capability	>1000N	3120N	
Resistance to Freeze Thaw	>80%	92%	
Bending Load	>2500N	4500N	



WPC ECHO DECK

SOLID DECKING PROFILE



21-100063 Monz Brown



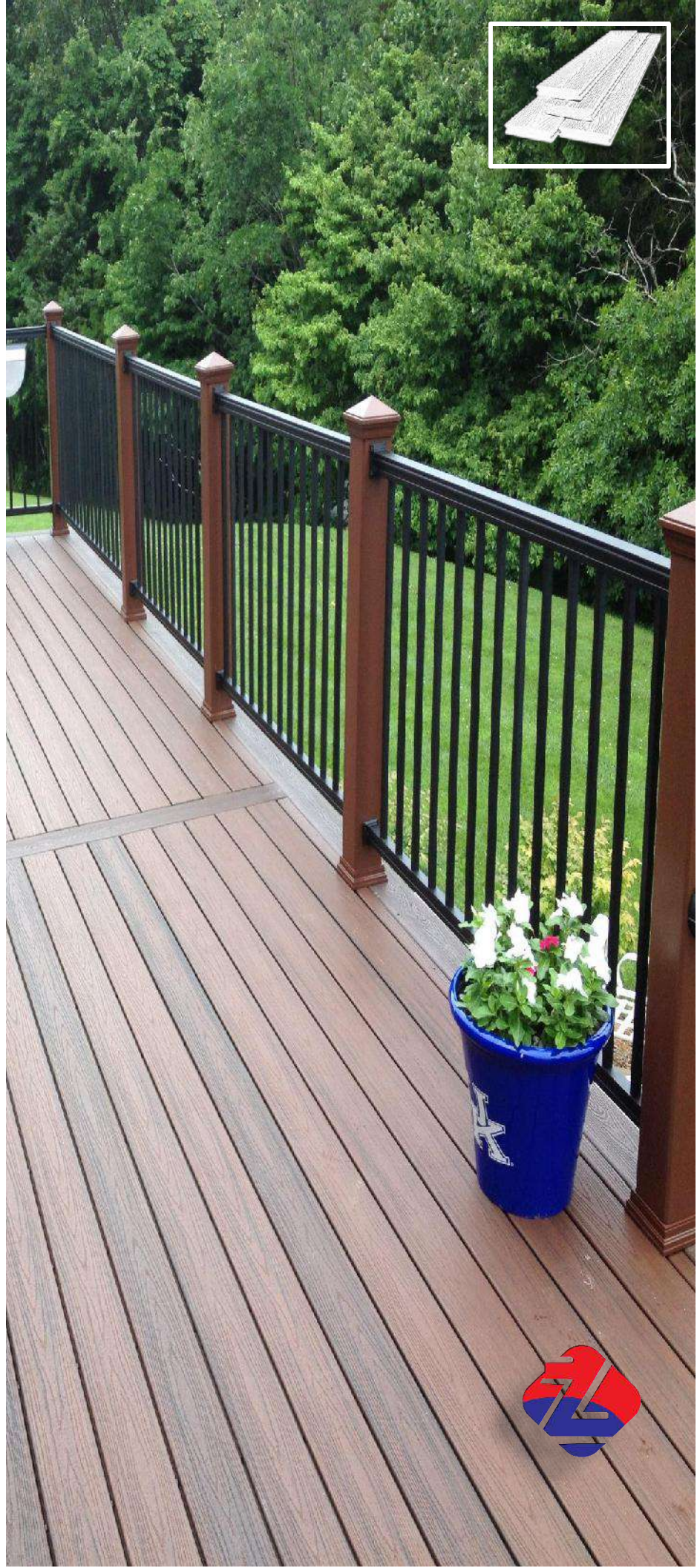
21-100064 Maple



21-100065 Dark Brown



21-100066 Teak



Features	Standards	Unit	Value
PRODUCT SPECIFICATION			
Product	Echo Deck WPC Solid Decking		
Composition	60% Timber Fibers + 35% HDPE and Additives		
Application	Outdoor Flooring		
Thickness	EN ISO 24346	mm	20 mm
Length x Width	EN ISO 24341	mm	2400mm x 140mm
CLASSIFICATION			
Fire Rating	EN13501	Class	B-S1
Mean PTV Dry	EN15534		86
Mean PTV Wet	EN15534		42
Slip Potential Dry	EN15534	CEN/TS 15676:2007	Low
Slip Potential Wet	EN15534	CEN/TS 15676:2007	Low
Features	Standards	Test Result	
PRODUCT PERFORMANCE			
Hardness	>58HRR	65HRR	
Moisture Content	<2%	0.3%	
Modulus of Rupture	>20 Mpa	29 Mpa	
Modulus of Elasticity	>1800 Mpa	2611 Mpa	
Thickness of Swelling	>1%	0.4%	
Size Change – Calefaction	+2.5%	0.10%	
Resistance to Wear	<0.08g/100r	0.077g/100r	
Size Change H/L Temp.	+0.2%	-0.10%	
Screw Holding Capability	>1000N	3120N	
Resistance to Freeze Thaw	>80%	92%	
Bending Load	>2500N	4500N	



WPC ECHO DECK

SOLID DECKING PROFILE



21-100071 Grey



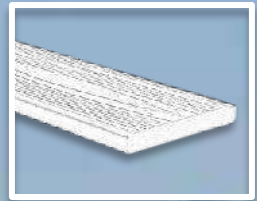
21-100072 Teak



21-100073 Brown



21-100074 Smoke White



Features	Standards	Unit	Value
PRODUCT SPECIFICATION			
Product	Echo Deck WPC Solid Decking		
Composition	60% Timber Fibers + 35% HDPE and Additives		
Application	Outdoor Flooring		
Thickness	EN ISO 24346	mm	22 mm
Length x Width	EN ISO 24341	mm	2400mm x 142mm
CLASSIFICATION			
Fire Rating	EN13501	Class	B-S1
Mean PTV Dry	EN15534		86
Mean PTV Wet	EN15534		42
Slip Potential Dry	EN15534	CEN/TS 15676:2007	Low
Slip Potential Wet	EN15534	CEN/TS 15676:2007	Low
Features	Standards	Test Result	
PRODUCT PERFORMANCE			
Hardness	>58HRR	65HRR	
Moisture Content	<2%	0.3%	
Modulus of Rupture	>20 Mpa	31 Mpa	
Modulus of Elasticity	>1800 Mpa	3750 Mpa	
Thickness of Swelling	>1%	0.4%	
Size Change – Calefaction	+2.5%	0.10%	
Resistance to Wear	<0.08g/100r	0.077g/100r	
Size Change H/L Temp.	+0.2%	-0.10%	
Screw Holding Capability	>1000N	3120N	
Resistance to Freeze Thaw	>80%	92%	
Bending Load	>2500N	4587N	



WPC ACCESSORIES



SCREWS



CLIPS

PLASTIC & STEEL CLIPS



WPC "L" Profile Side Cover



WPC-XF L001

HOLLOW

SIZE
Thickness 30mm
Length 2200 mm
Width 50 mm



WPC-XF L002

SOLID

SIZE
Thickness 30 mm
Length 2200 mm
Width 40 mm



S.S.304 clip Clip with S.S. screw Hollow decking endcap Expansion screw S.S.304 Start clip

