

# WPC ECHO DECK

Safe and Durable Decking **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.

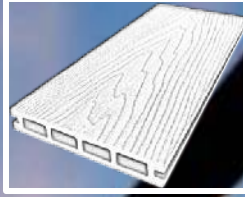
## Benefits

- 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

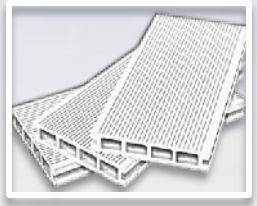


Features	Standards	Unit	Value
<b>PRODUCT SPECIFICATION</b>			
Product	Echo Deck WPC Hollow Decking		
Composition	PE Plastic, Wood Powder and Additives		
Application	Outdoor Flooring		
Thickness	EN ISO 24346	mm	21 mm
Length x Width	EN ISO 24341	mm	2200mm x 146mm
<b>CLASSIFICATION</b>			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	$\Omega$	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
<b>PRODUCT PERFORMANCE</b>			
Dimensional Stability	EN15534-1:2014	%	$\leq 0.3$
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 <sup>3</sup>	$\leq 3.5$
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

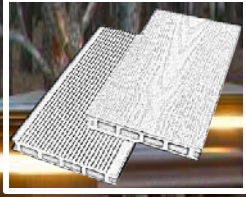
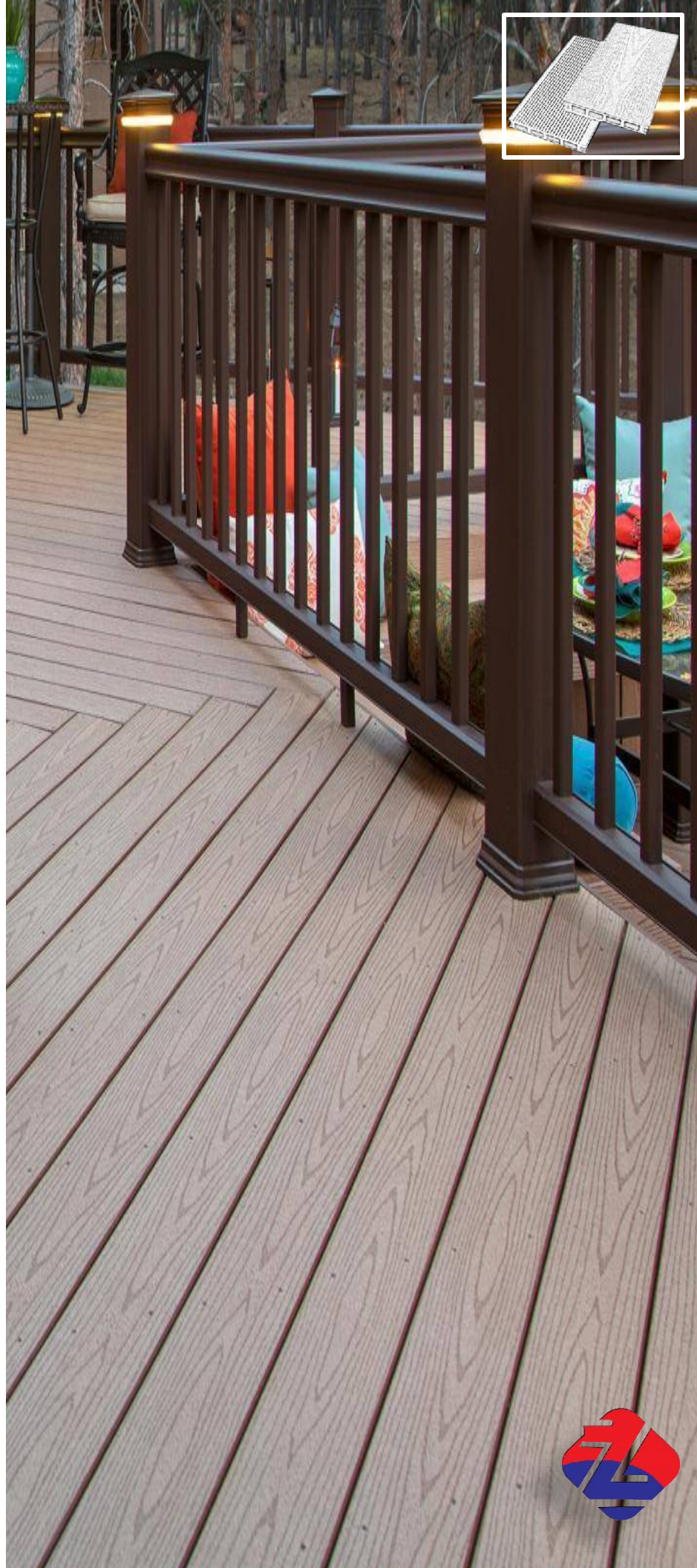
HOLLOW DECKING PROFILE



21-10023 Dark Brown



21-10024 Maple



Features	Standards	Unit	Value
<b>PRODUCT SPECIFICATION</b>			
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
<b>CLASSIFICATION</b>			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	$\Omega$	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
<b>PRODUCT PERFORMANCE</b>			
Dimensional Stability	EN15534-1:2014	%	$\leq 0.3$
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 <sup>3</sup>	$\leq 3.5$
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



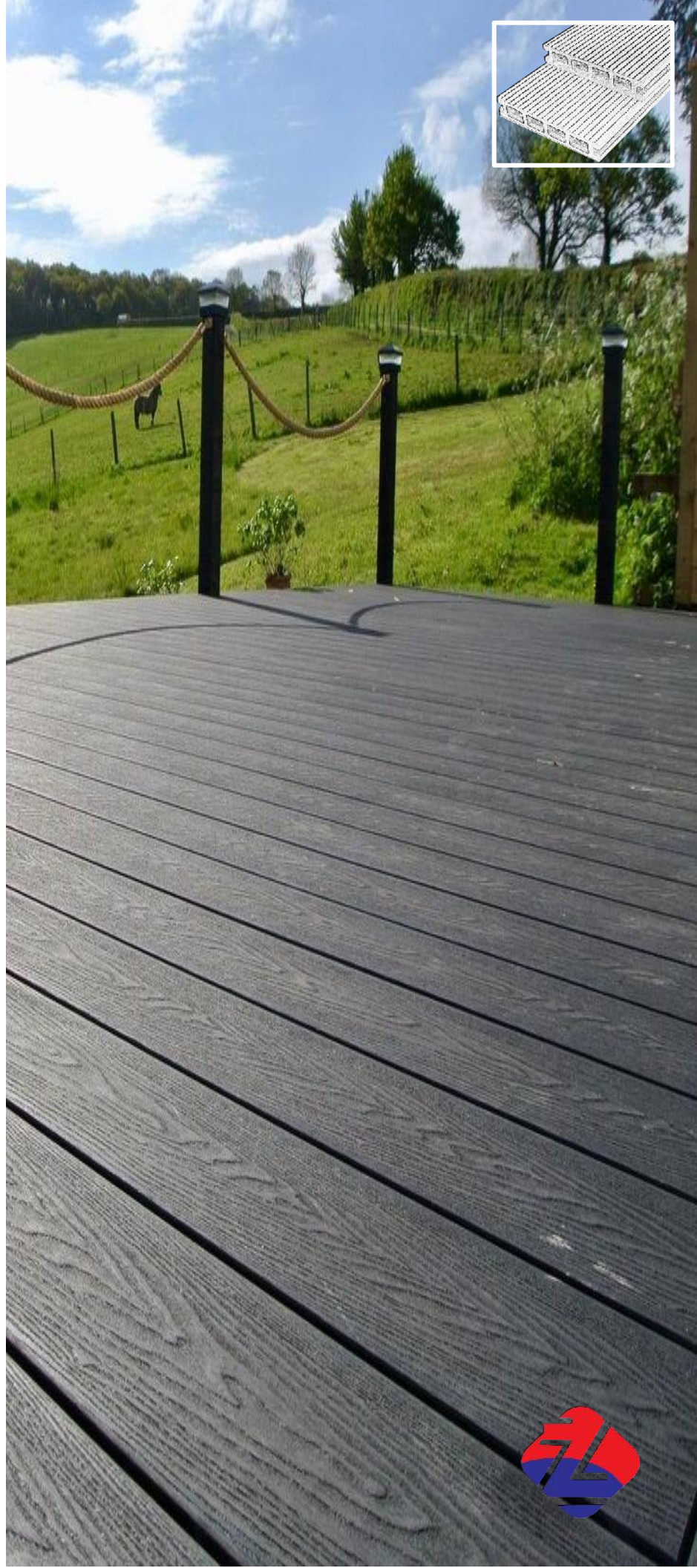
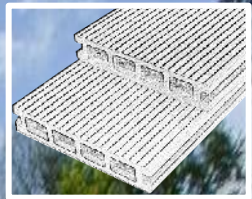
21-100028 Teak



21-100029 Light Grey



21-100030 White





Features	Standards	Unit	Value
<b>PRODUCT SPECIFICATION</b>			
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
<b>CLASSIFICATION</b>			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	$\Omega$	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
<b>PRODUCT PERFORMANCE</b>			
Dimensional Stability	EN15534-1:2014	%	$\leq 0.3$
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 <sup>3</sup>	$\leq 3.5$
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



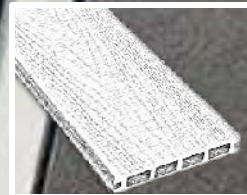
21-100031 Brown



21-100032 Teak



21-100033 Silver





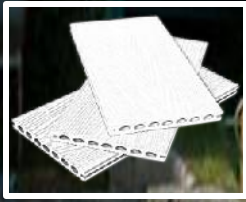
Features	Standards	Unit	Value
<b>PRODUCT SPECIFICATION</b>			
Product	Echo Deck WPC Hollow Decking		
Composition	PE Plastic, Wood Powder and Additives		
Application	Outdoor Flooring		
Thickness	EN ISO 24346	mm	24 mm
Length x Width	EN ISO 24341	mm	2200mm x 145mm
<b>CLASSIFICATION</b>			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	$\Omega$	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
<b>PRODUCT PERFORMANCE</b>			
Dimensional Stability	EN15534-1:2014	%	$\leq 0.3$
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 <sup>3</sup>	$\leq 3.5$
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



21-10051 Coffee



21-10052 Grey



## SEMI SOLID DECKING PROFILE

Features	Standards	Unit	Value
<b>PRODUCT SPECIFICATION</b>			
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
<b>CLASSIFICATION</b>			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	$\Omega$	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
<b>PRODUCT PERFORMANCE</b>			
Dimensional Stability	EN15534-1:2014	%	$\leq 0.3$
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 <sup>3</sup>	$\leq 3.5$
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





## SEMI SOLID DECKING PROFILE



21-100053 Teak



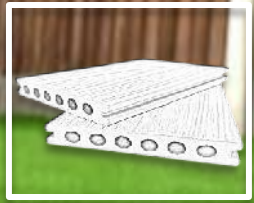
21-100054 Brown



21-100055 Light Grey



21-100056 Coffee



## SEMI SOLID DECKING PROFILE

Features	Standards	Unit	Value
<b>PRODUCT SPECIFICATION</b>			
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
<b>CLASSIFICATION</b>			
Fire Rating	EN13501	Class	B-S1
Toxic Testing	GB18586-2001		Good
Electrical Resistance	EN1081	$\Omega$	$\geq 3.0 \times 10^{10}$
Slip Resistance Dry	EN15534	CEN/TS 15676:2007	79
Slip Resistance Wet	EN15534	CEN/TS 15676:2007	72
<b>PRODUCT PERFORMANCE</b>			
Dimensional Stability	EN15534-1:2014	%	$\leq 0.3$
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 <sup>3</sup>	$\leq 3.5$
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
<b>PRODUCT SPECIFICATION</b>			
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
<b>CLASSIFICATION</b>			
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	
<b>PRODUCT PERFORMANCE</b>			
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



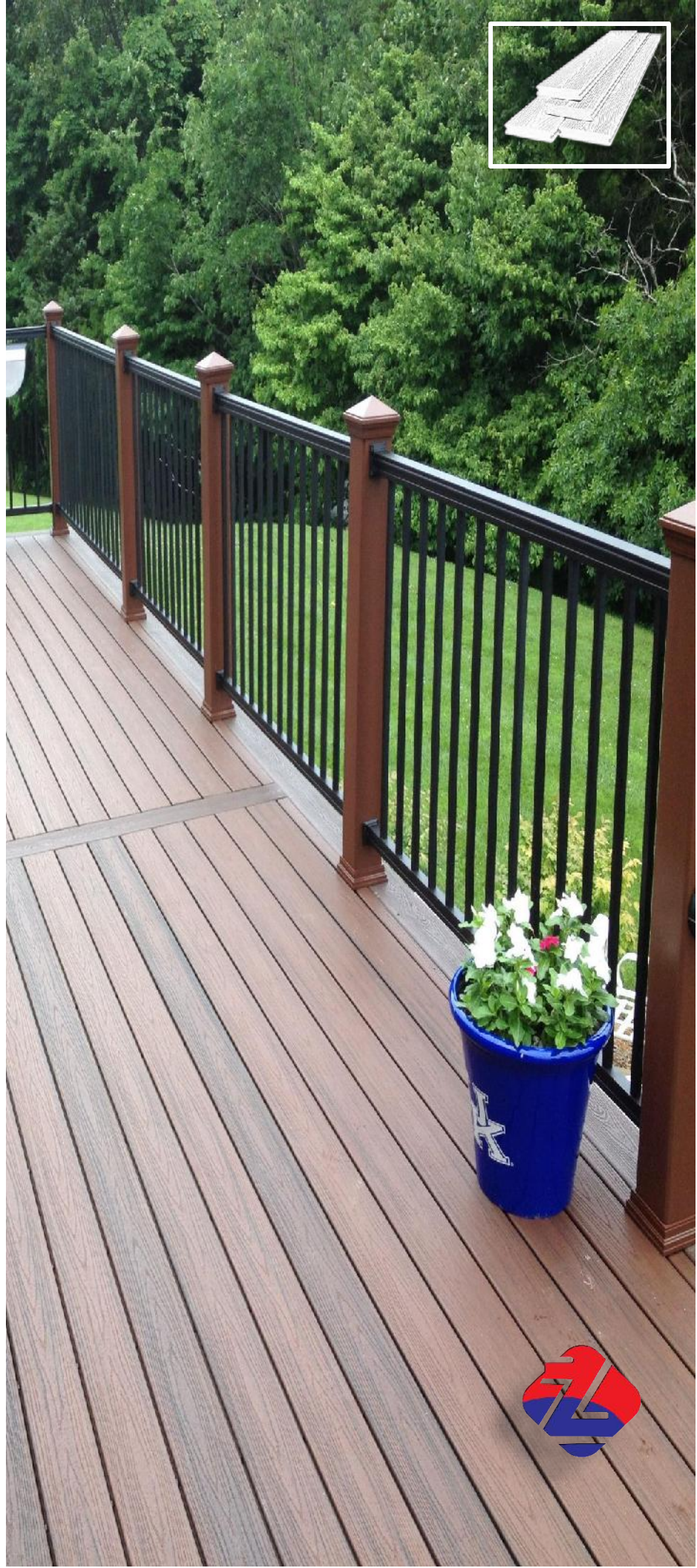
21-100064 Maple



21-100065 Dark Brown



21-100066 Teak





Features	Standards	Unit	Value
<b>PRODUCT SPECIFICATION</b>			
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
<b>CLASSIFICATION</b>			
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	
<b>PRODUCT PERFORMANCE</b>			
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



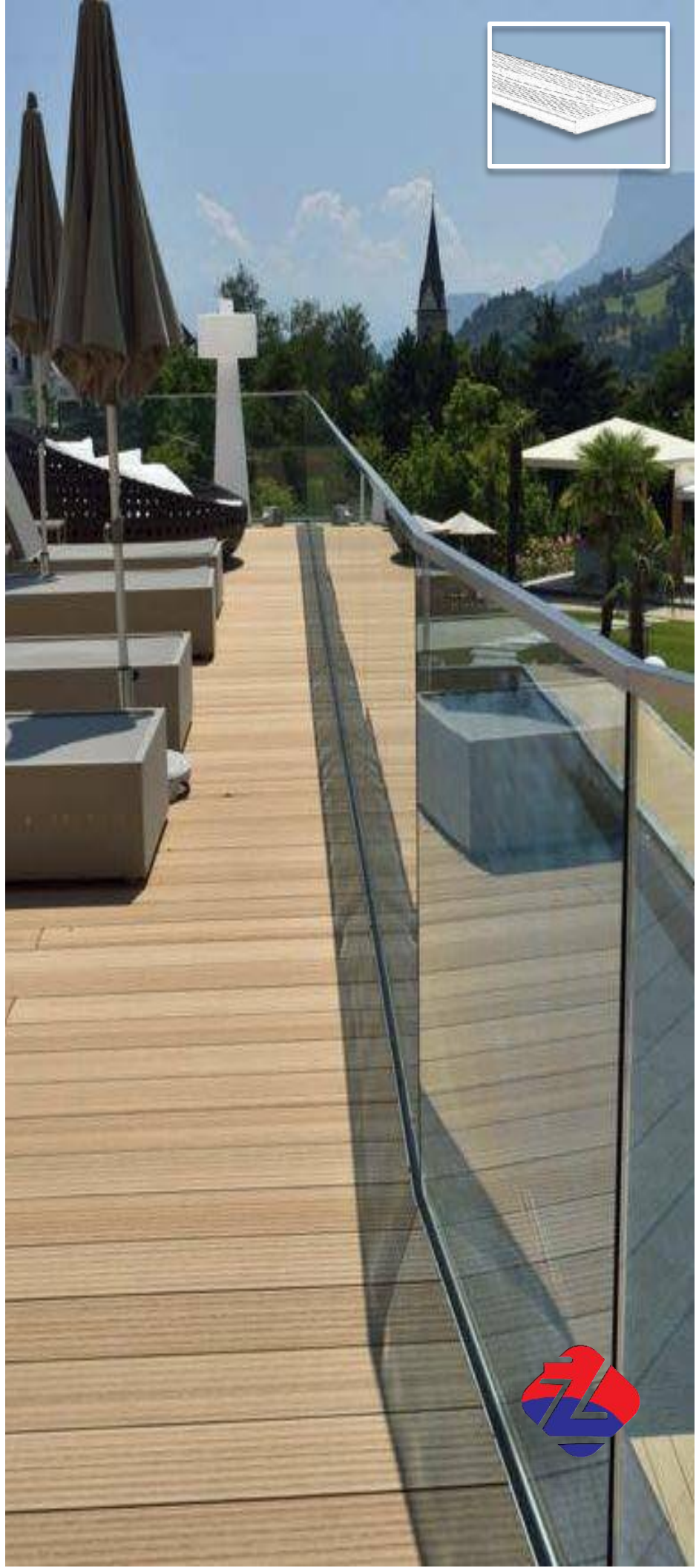
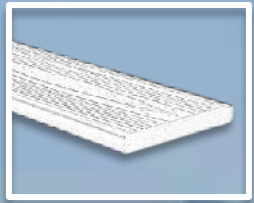
21-100072 Teak



21-100073 Brown



21-100074 Smoke White



Features	Standards	Unit	Value
<b>PRODUCT SPECIFICATION</b>			
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
<b>CLASSIFICATION</b>			
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	
<b>PRODUCT PERFORMANCE</b>			
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	

