

WPC DECKS

Los decks de WPC tienen un color natural, son anti resbalantes, duraderos, fáciles de mantener y limpiar, y tienen un acabado de lujo. Poseen el acabado de madera, y la durabilidad del plástico.

Ventajas de los Decks de WPC:

1. Resistentes al agua y a la intemperie
2. Resistente a los rayos UV
3. Resistente a insectos
4. Alta durabilidad. Larga vida útil: más de 15 años
5. No se agrieta, deforma, o separa
6. Fácil de instalar y mantener
7. Material no tóxico para el medio ambiente
8. 100% reciclable
9. Apto para temperaturas desde -40 – 60 grados centígrados
10. No es necesario pintar o sellar



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Especificaciones:

Use: Outdoor decking

Material: Solid Wood Plastic Composite (WPC) deck

Length Size: 2m, 3m

Width Size: 140mm

Thickness: 20mm

Weather Resistance: -40°C - 60° C

Resistance: Water, fire, weather, insects, UV rays



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Colores WPC:



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WPC DECKS TECHNICAL SHEET

Item	Inspection Item	Unit	Parameter	USA Standards
1	Bending Strength	Mpa	≥ 30	ASTM D1037-93
2	Elastic Modulus	Mpa	≥ 2500	ASTM D1037-93
3	Tensile Strength	Mpa	≥ 15	ASTM D1037-93
4	Impact Strength	KJ/m ²	≥ 5	ASTM D1037-93
5	Rockwell Hardness	HRR	≥ 60	ASTM D2240
6	24hr. Water Absorption	%	$\leq 2\%$	ASTM D648
7	Absorption Thickness Changing Rate	%	$\leq 1\%$	ASTM D648
8	Screw Withdrawal	N	≥ 1000	
9	Heat Load Distortion Temperature	°C	≥ 90	
10	Aging Resistance (Bend Strength After Aging Test)	Mpa	≥ 15	ASTM 790/BS-E6
11	Flammability Resistance	Class	V-1	BS 6948:1989
12	Moisture Content	%	≤ 2	ASTM D648
13	Surface Abrasion Resistance	g/100r	≤ 0.08	
14	Low Temperature Drop Hammer Impact	Bursting Holes	≤ 1	
15	State After Heating	No air bubble, pockmark		
16	Heat Size Changing Rate	%	≤ 2	
17	High-low Temperature Repeated Changing Rate	%	≤ 1	
18	Density	g/cm ³	1-1.4	

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Comparativo WPC vs Madera

WPC Characteristic Comparison with Wood

Characteristic	WPC	Wood
Mositure Resistance	Waterproof	Water absorptive
Rot Resistance	Antisepsis	Rot except special treating
Split Rssistance	No Cracked	Cracked by weathering effect
Distortion Resistance	Almost no Contraction/Expansion	Distorting effected by chance of moisture and temperature
UV Resiatance	High grade UV Resistance	Easily effected by UV
Fading Resistance	Almosnt no(3%-5%)	Easy to fade
Outdoor adaptability	Great	only few of treated-wood adaptive
No need painting	No Need	Need paint periodically
Durable/longevity	10-15 years	<3 years
Various Configuration	EXtruded Via Various Mould	Simplex
Environment effect	Recyclabled100%	Consume Woods