

WPC Decking

Safe and Durable Decking and Outdoor Wood Plastic Composite Products



PRODUCT FEATURES



water resistant



non-flammable



non-oxidized



pesticide free



tackable



low cost



-40° / 60°



recyclable



latest technology



durable

Double Surface Choice

A variety of surface combinations for flexible market / project options



SOLID CORE

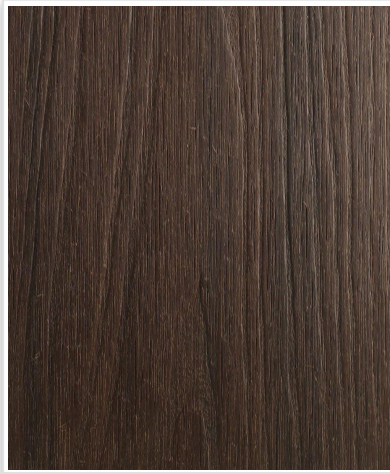
SIZE
 Thickness 23 mm
 Length 2200 mm
 Width 140 mm

HOLLOW CORE

WPC-TEAK



WPC-WALNUT



WPC-ANTIQUE



WPC-SILVER GREY



ZFAS07-CEDAR



HOLLOW CORE

SIZE
 Thickness 22 mm
 Length 2200 mm
 Width 146 mm



ZFAS01-RED PINE ART



ZFAS02-RED PINE



ZFAS03-DARK GREY



ZFAS04-COFFEE



ZFAS05-LIGHT GREY

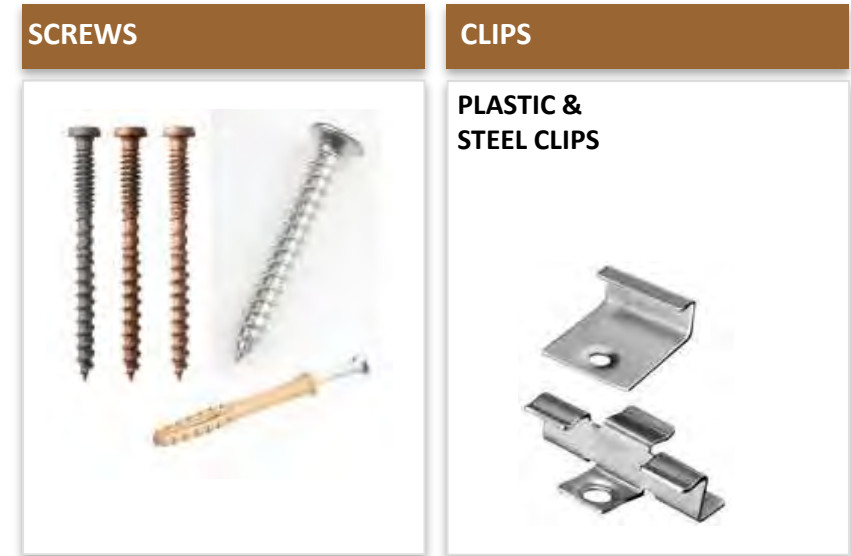


ZFAS06-RED BROWN



DOUBLE SURFACE CHOICES OF 03 COLORS

ACCESSORIES



WPC JOIST

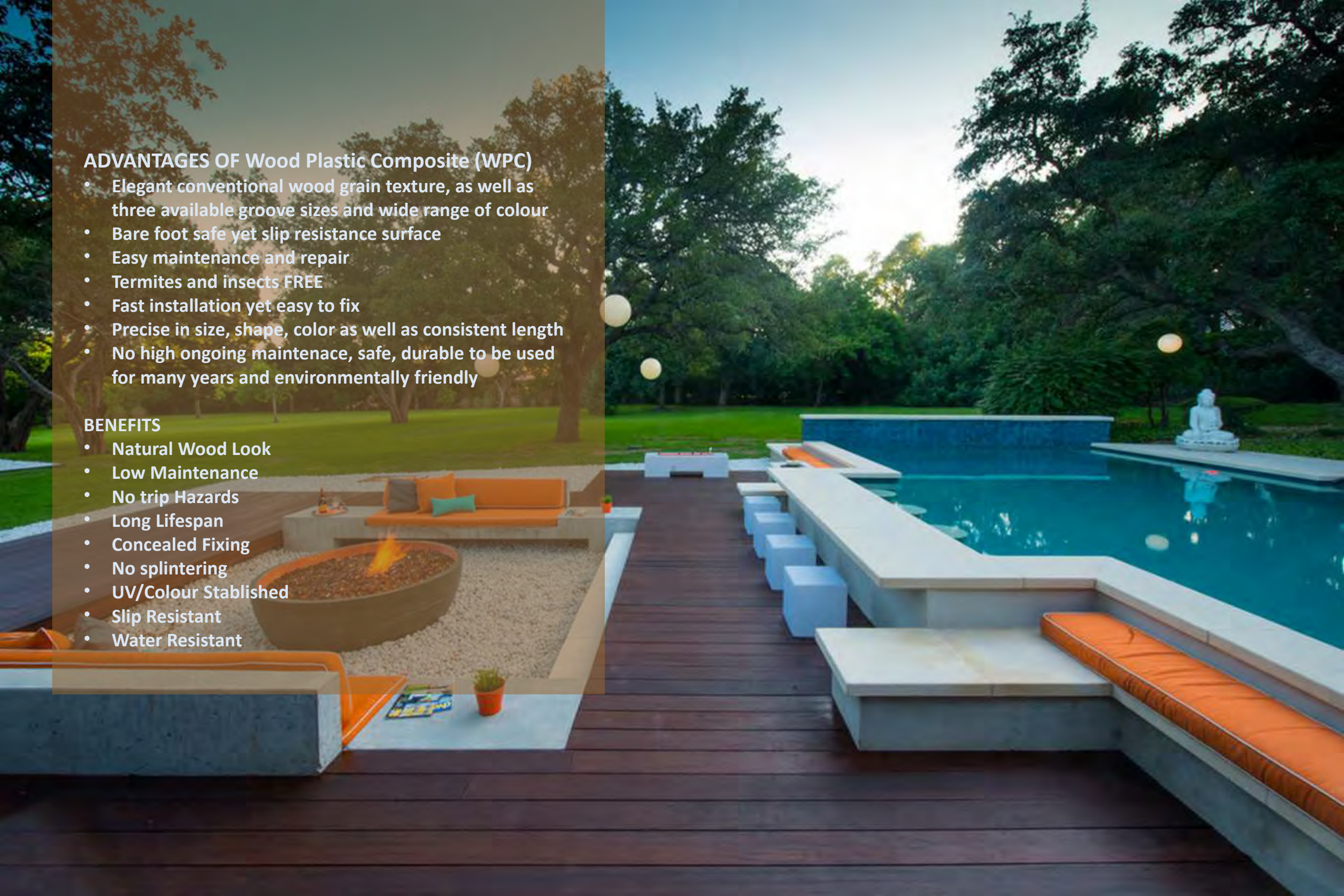


ADVANTAGES OF Wood Plastic Composite (WPC)

- Elegant conventional wood grain texture, as well as three available groove sizes and wide range of colour
- Bare foot safe yet slip resistance surface
- Easy maintenance and repair
- Termites and insects FREE
- Fast installation yet easy to fix
- Precise in size, shape, color as well as consistent length
- No high ongoing maintenance, safe, durable to be used for many years and environmentally friendly

BENEFITS

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





Datasheet of decking

Inspection Items(Unit)	Reference	Value of Test
Tensile Strength (MPa)	ISO 527-2	35.05
Compressive Strength (MPa)	ITD/BDZ/20130510	56.32
Bending Strength (MPa)	EN 15534-4:2014	49.67
Bending Modulus of Elasticity (MPa)	EN 15534-4:2014	5 124
Abrasion Resistance	ASTM D2394	0.004"/1000 rev.
Shear Strength	ASTM D732-10	160
Resistance to Hard Body Impact	EN 15534-4:2014	0.05
Coefficient of Linear Thermal Expansion	ASTM D696	0.02
Accelerated Weathering 600hr	EN 15534-1 / 8.1	No crack or peeling
24hr Water Absorption (23° C)	ASTM D684	0.23
Flammability Resistance (Standard) Composition	EN 13501-1	Euro Class Dfl-S1
Flammability Resistance (Fire Retardant) Composition	EN 13501-1	Euro Class Bfl-S1
UV Ageing Test	ISO 4892-2	Pass
Anti-slip properties (Coefficient of Friction) Dry Wet	ASTM D1894-08	0.75 0.77
Frost Resistance	DD CEN/TS 772-22:2006	No crack or peeling
Density (g/cm ³)	EN ISO 1183-1	1.30
Sustainability	Natural Fibers	Rice Hulls, Wood Dust
Reclaimed Content	Lower Carbon Footprint	89.9% Reclaimed

