



MAKING A NATURAL LIFE



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The image features a blurred background of a lush green park with trees and a wooden deck in the foreground. The text is centered in the middle of the image.

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INTRODUCTION WPC

Wood-plastic composites (WPC) are produced by thoroughly mixing ground wood particles and heated thermoplastic resin. The most common method of production is to extrude the material into the desired shape, though injection molding is also used. WPCs may be produced from either virgin or recycled thermoplastics including HDPE, LDPE, PVC, PP, ABS, PS, and PLA. Polyethylene-based WPCs are by far the most common. Additives such as colorants, coupling agents, UV stabilizers, blowing agents, foaming agents, and lubricants help tailor the end product to the target area of application. Extruded WPCs are formed into both solid and hollow profiles

WPC are often considered a sustainable material because they can be made using recycled plastics and the waste products of the wood industry. Although these materials continue the lifespan of used and discarded materials, they have their own considerable half lif, the polymers and adhesives added make wood-plastic composite difficult to recycle again after use.They can however be recycled easily in a new wood-plastic composite, much like concrete. One advantage over wood is the ability of the material to be molded to meet almost any desired shape. A WPC member can be bent and fixed to form strong arching curves. Another major selling point of these materials is their lack of need for paint. They are manufactured in a variety of colors, but are widely available in grays and earth tones.





DECKING

Durable, sleek, easy installation and low maintenance decking it is the ideal product for indoor and outdoor use as it made to withstand the elements of nature.



Anti-Termite



UV- Resistant



Anti Oxidant



Easy to Install



Recyclable



WOOD

Eco Composite Wood



Resistant
to Water



Fungal
Resistant



Simple
Maintenance



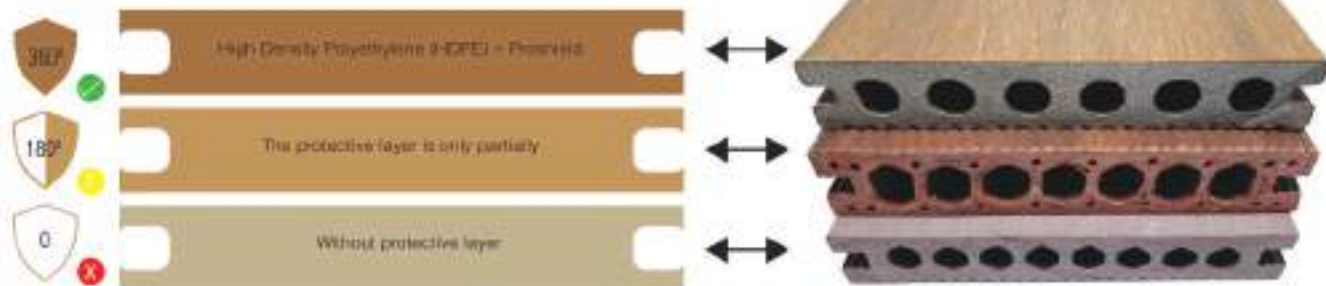
Long Life

ProShield®



ProShield is an advanced technology in the form of a premium shield layer that encloses all sides of wood plastic composites by BRS WOOD. The layers and cores are extruded with very high temperature, simultaneously printed, so that no adhesives or chemicals are harmful to the environment. Core Sections BRS WOOD is made from carefully selected recycled materials based on the highly dense recycled wood of hardwood and softwood fiber that allows for greater strength and durability, also known as High-density polyethylene (HDPE) . 100% can be recycled

Types of composite wood on the market



COLOR SWATCHES



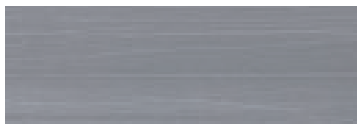
EL01
TEAK



EL02
WALNUT



EL03
IPE



EL04
MAGIC GRAY



EL05
DARK GRAY



EL06
CEDAR



EL07
OAK



EL08
ANTIQUÉ



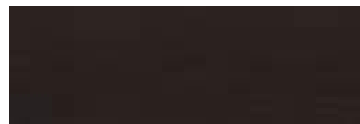
EL09
ROSEWOOD



EL10
BLACK



EL11
MAHOGANY



EL12
COFFEE

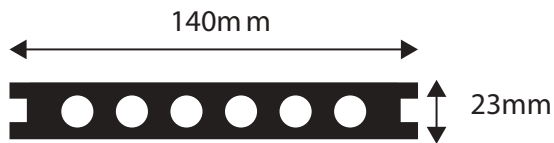
DECKING BOARD

Proshield® Decking

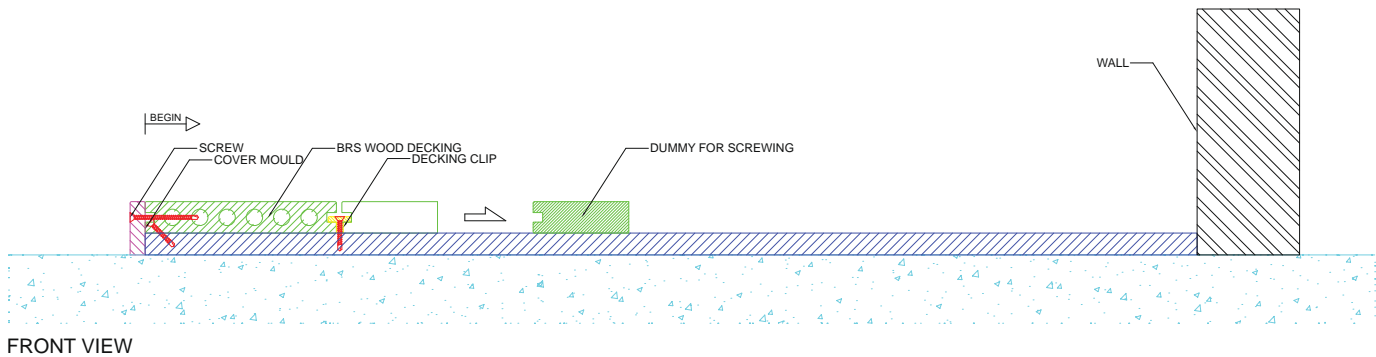
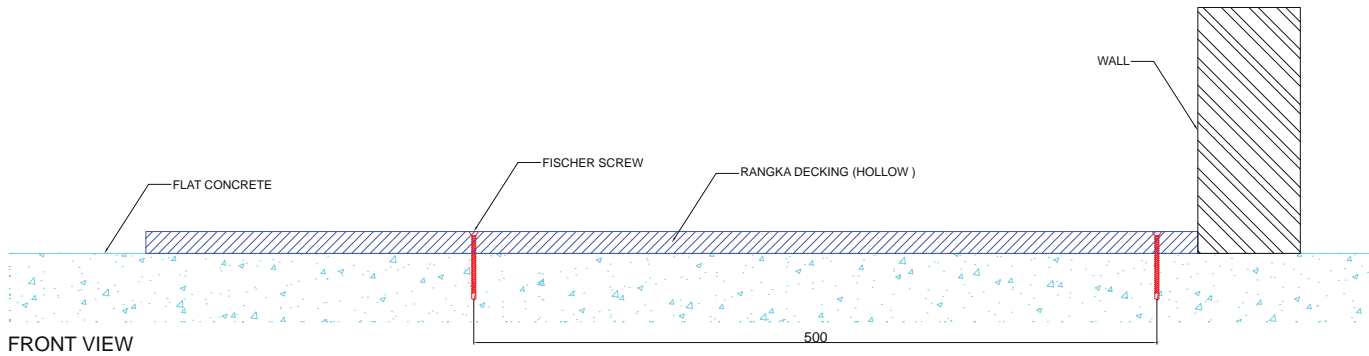
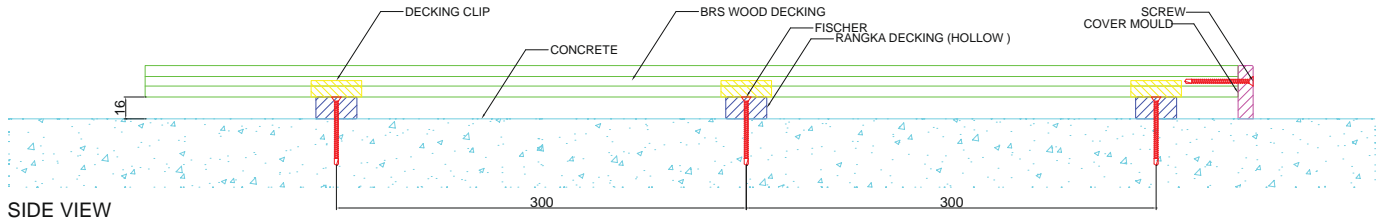
Our decking has been coated 360 degrees by Proshield® protection which can withstand water, termites and color fading



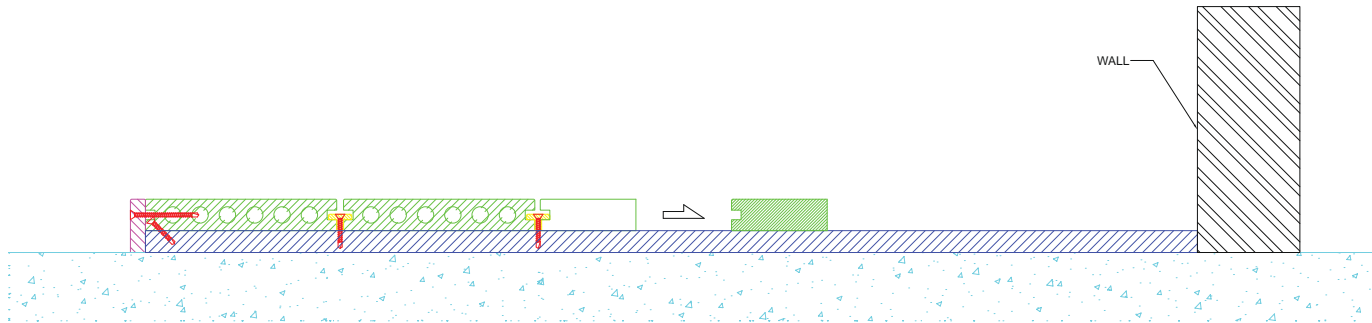
140x23 mm



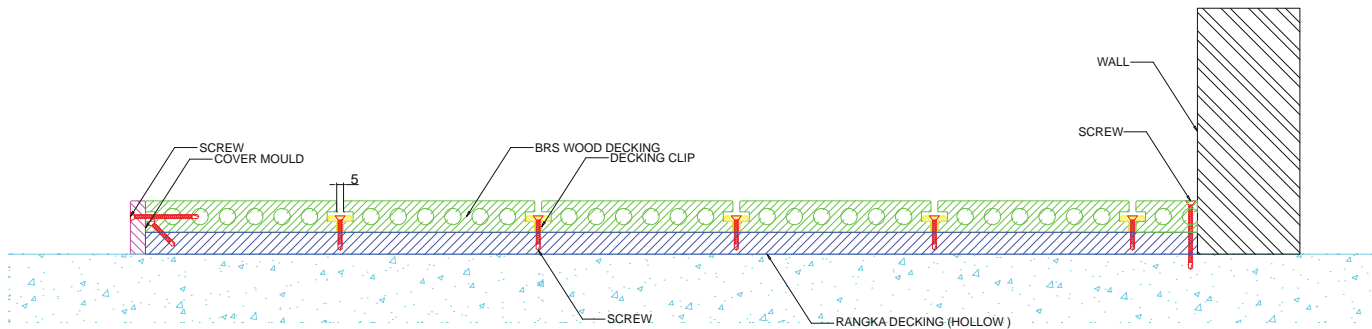
INSTALLATION GUIDE DECKING



INSTALLATION GUIDE DECKING



FRONT VIEW



FRONT VIEW





TIMBER TUBE

Durable, sleek, easy installation and low maintenance Timber Tube it is the ideal product for indoor and outdoor use as it made to withstand the elements of nature.



TIMBER TUBE

Our Timber Tube, utilize 100% green polyethyene recyclable raw materials, natural wood powder and other polymer materials in production. Perfectly retain the texture of real wood, no need to paint or oil. Water proof, rot proof, anti termite, easy installtion and low maintenance, much more better than real wood.



50x50 mm
TB5050



50x100 mm
TB50100



50x150 mm
TB50150



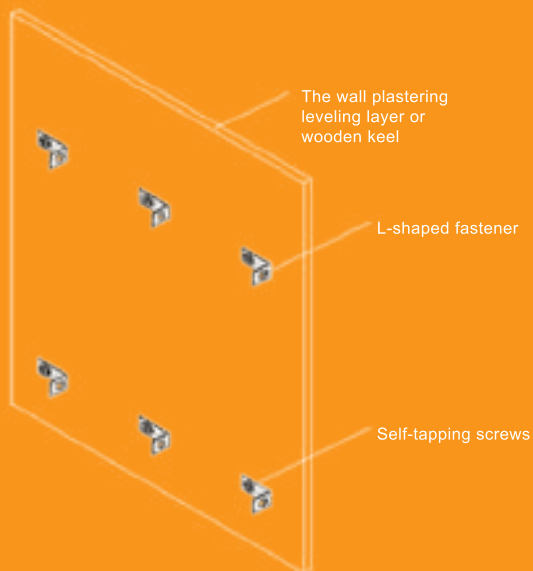
80x180 mm
TB80180



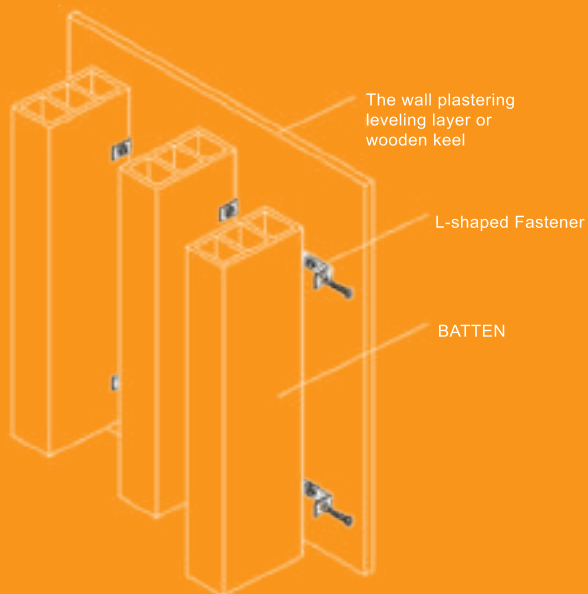


INSTALLATION GUIDE TIMBER TUBE

1.



2.



PORTOFOLIO

BRS ECO COMPOSITE WOOD

Location : ZORA RESIDENCE_KAZUMI CLUSTER

Profile : 140x23x2900mm, Color Teak



PORTOFOLIO

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BRS ECO COMPOSITE WOOD

Location : ZORA RESIDENCE_KAZUMI CLUSTER

Profile : 140x23x2900mm, Color Teak



PORTOFOLIO

BRS ECO COMPOSITE WOOD

Location : APARTMENT TANGCITY

Profile : 140x23x2900mm, Color Oak





TECHNICAL DATA

LUXURY BRS WOOD DECKING

Spec	Standard
Model	EN15534 EU
Size	EN15534 EU
Tensile Strength	EN15534 EU
Slip Resistance	EN15534 EU
Water Absorption	EN15534 EU
Abrasion Resistance	EN15534 EU
Formaldehyde	EN15534 EU
UV Aging Test	EN15534 EU
Resistance to Indentation	EN15534 EU
Falling mass impact resistance	EN15534 EU
Fire classification	EN15534 EU

Result	Remark
BRS WOOD 13823	
138 X 23mm	
4000N	
R11	Over 19° up to 27°
0.18%	
Passed	Wear index: 37.4Mg/1000r
Not detected	
Passed	
Passed	(Rate of elastic recovery): 77.7%
Passed	
Class B _n -s1	

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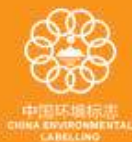
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		No. : <u>SGS 0000000000</u> Date : <u>01.10.2000</u> Page : <u>1 of 2</u>	
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PROTECT OUR FORESTS
FOR THE FUTURE
AND OUR CHILDREN




(2007) 国认监认字 (223) 号





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