

Wood-Plastic Composites (WPC) are composite materials made of wood fiber/wood flour and thermoplastic(s) such as polythene (PE), polypropylene (PP), polyvinyl chloride (PVC), or polylactic acid (PLA).

In addition to wood fiber and plastic, WPC can also contain other ligno-cellulosic and/or inorganic filler materials. WPCs are a subset of a larger category of materials called natural fiber plastic composites (NFPC), which may contain no?cellulose-based fiber fillers such as pulp fibers, peanut hulls, coffee husk, bamboo, straw, digestate, etc.

Chemical additives seem practically "invisible" (except mineral fillers and pigments, if added) in the composite structure. They provide for integration of polymer and wood flour (powder) while facilitating optimal processing conditions.

S-WPC compared with other materials			
TYPE	WPC	ANTICORROSIVE WOOD	WOOD
Appearance	Any color can be modulated.- variety of surfaces can be chosen. Looks and feels like natural wood	Monotonic shape ,knots of wood etc. Color can not be modulated	Single color,monotonic shape,knots of wood
Anticorrosive property	Resistant to moisture,rot,termites,slip and cracking .longevity of service.	Easy to deformation ,crack-ing,decay. short-lived.	High water absorption.easy to cracking ,decay etc. Short-lived.
Applied fireproofing	Applied fireproofing	Flammability	Flammability
Processability	Good processability. Cut,plan-ing drilling,nailing are available	Good processability. Cut,planing are available	Good processability. Cut,planing drilling,nail-ing are available
Maintenance	No coating and maintenance	Need to coat the wood-wax and other protective coat-ings.need regular mainte-nance	Need regular maintenance
Environmental friendly	No coating any harmful substances .safty and health	Embalmed contain some of CCA、ACQ,other harmful substances	Safty,no contain harmful substances
Particularity	Beautiful looks ,use the buckle and side slot to connect the decking,no nail in the surface	After installation,nail can be seen clearly in the surface	After installation,nail can be seen clearly in the surface
Recycling	100%recycled	Can not be recycled	Can not be recycled
Application	Used in landscape architec-ture,outdoordecking,hand-rail,pergola.wall panel, pallet, packaging,plank road etc.	Not suitable for water and soil	Not suitable for water and soil



Colors



Surface Treatment



WPC Classic Decking





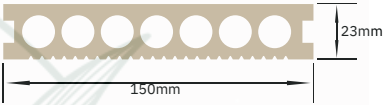
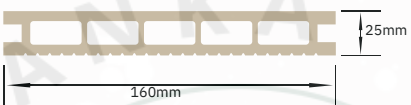
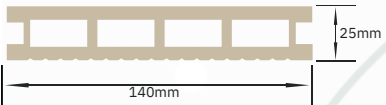
WPC 3D Embossed Decking _____



SVE-14025

SVE-16025

SVE-15023



Online Surface Treatment _____



Colors _____



Coffee

Teak

Red wood

Chocolate

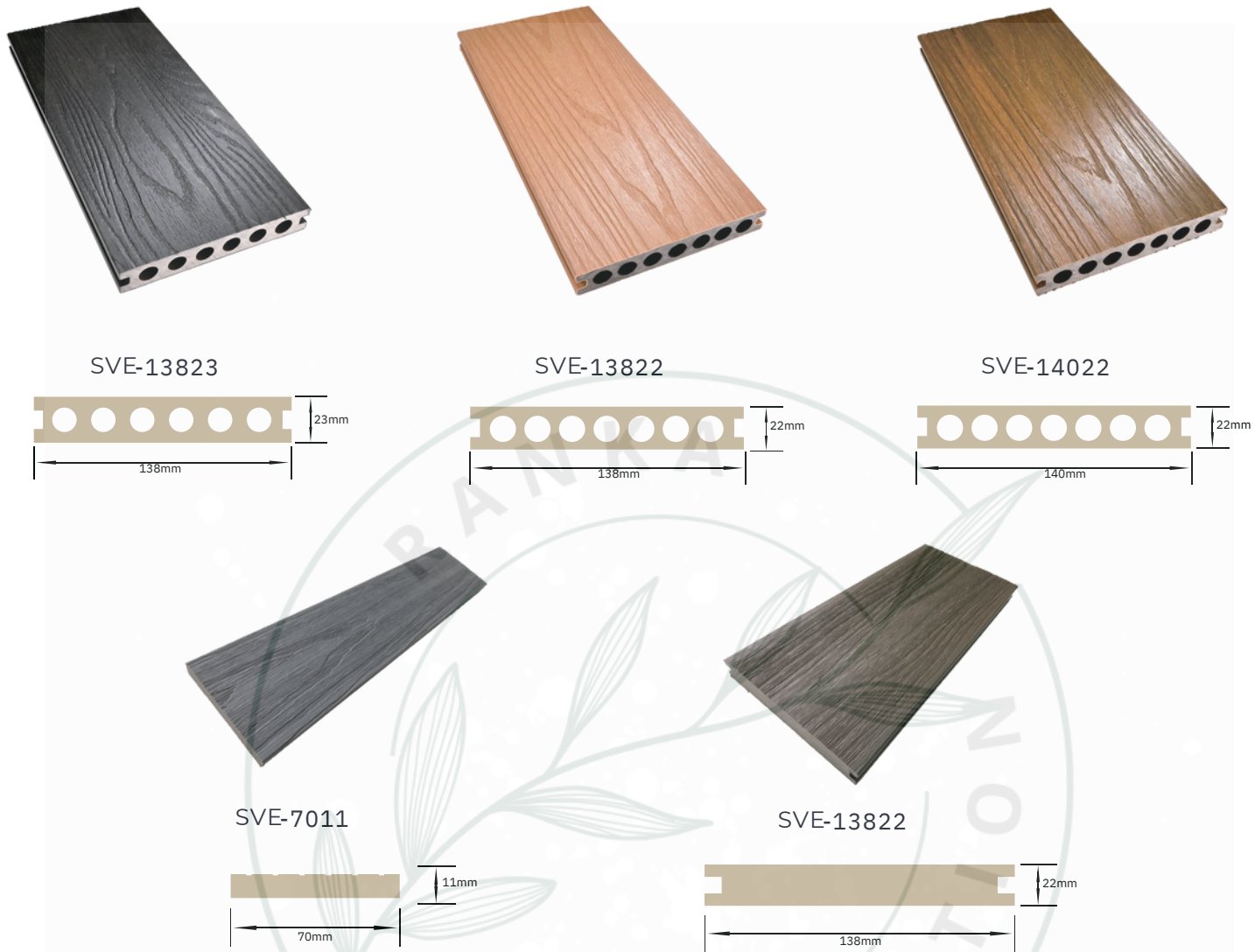
Grey



Colors



WPC Co-extrusion Decking

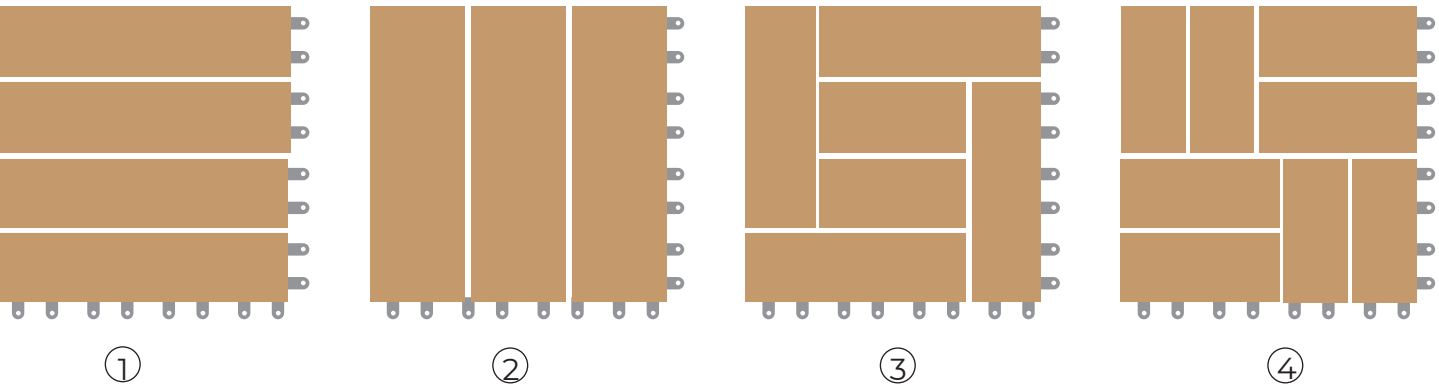


Bicolor Decking

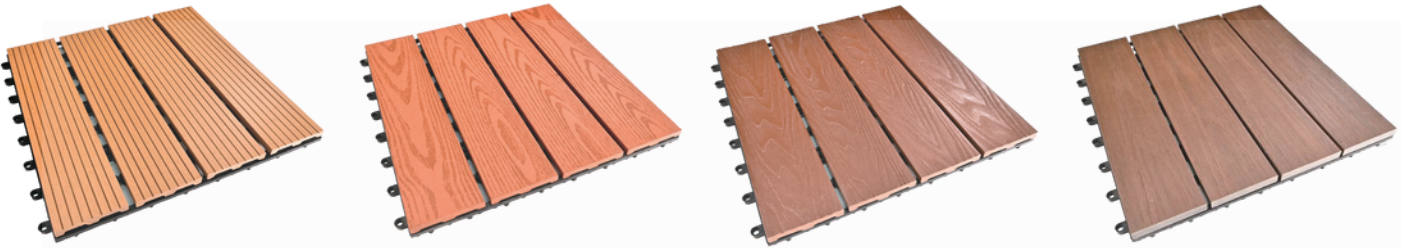




DIY Design



WPC DIY Decking

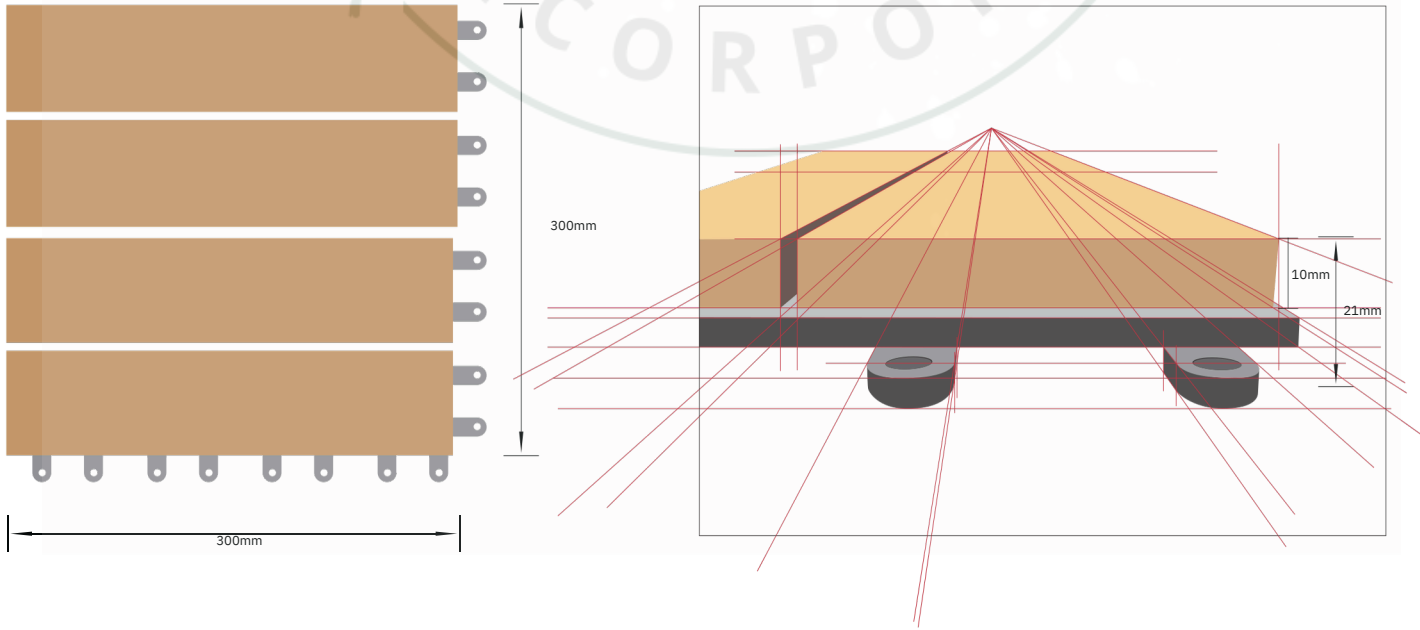


GROOVE LIGHT WOOD GRAIN 3D EMBOSSED CO-EXTRUSION



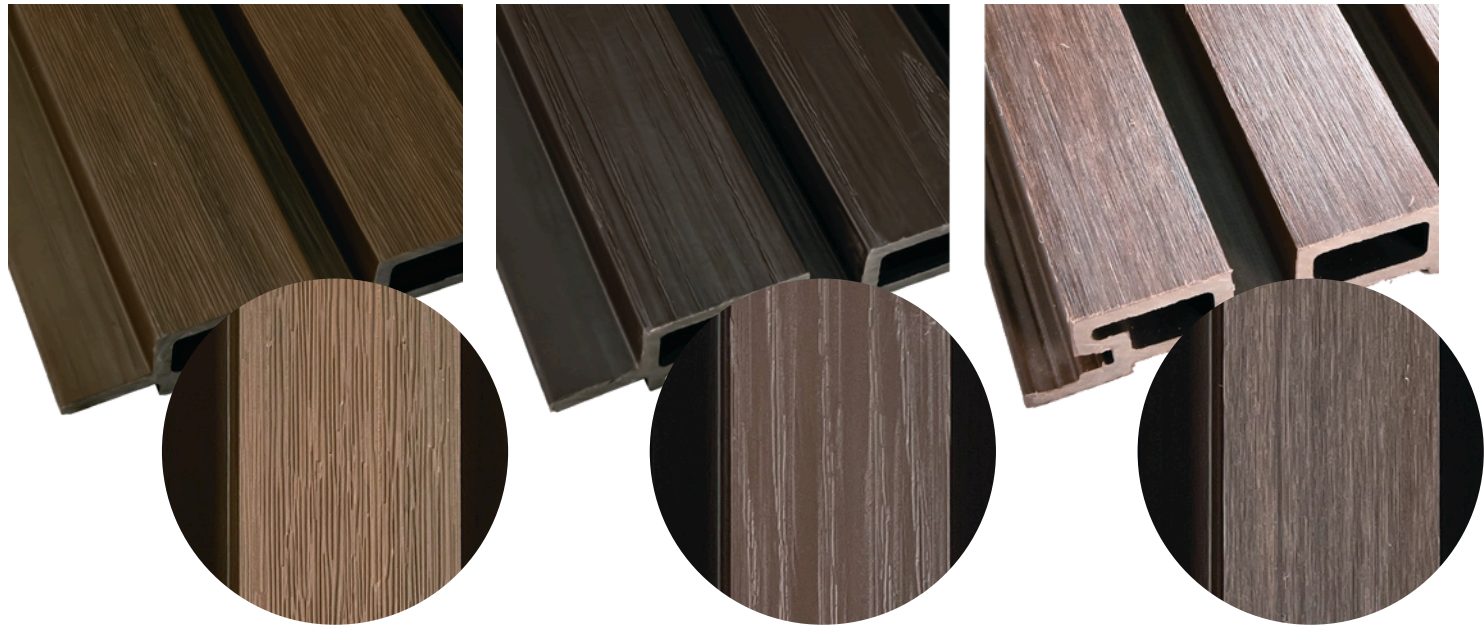
SIZE:300X600MM SIZE:300X300MM

Size





Co-extrusion Treatment



Embossed

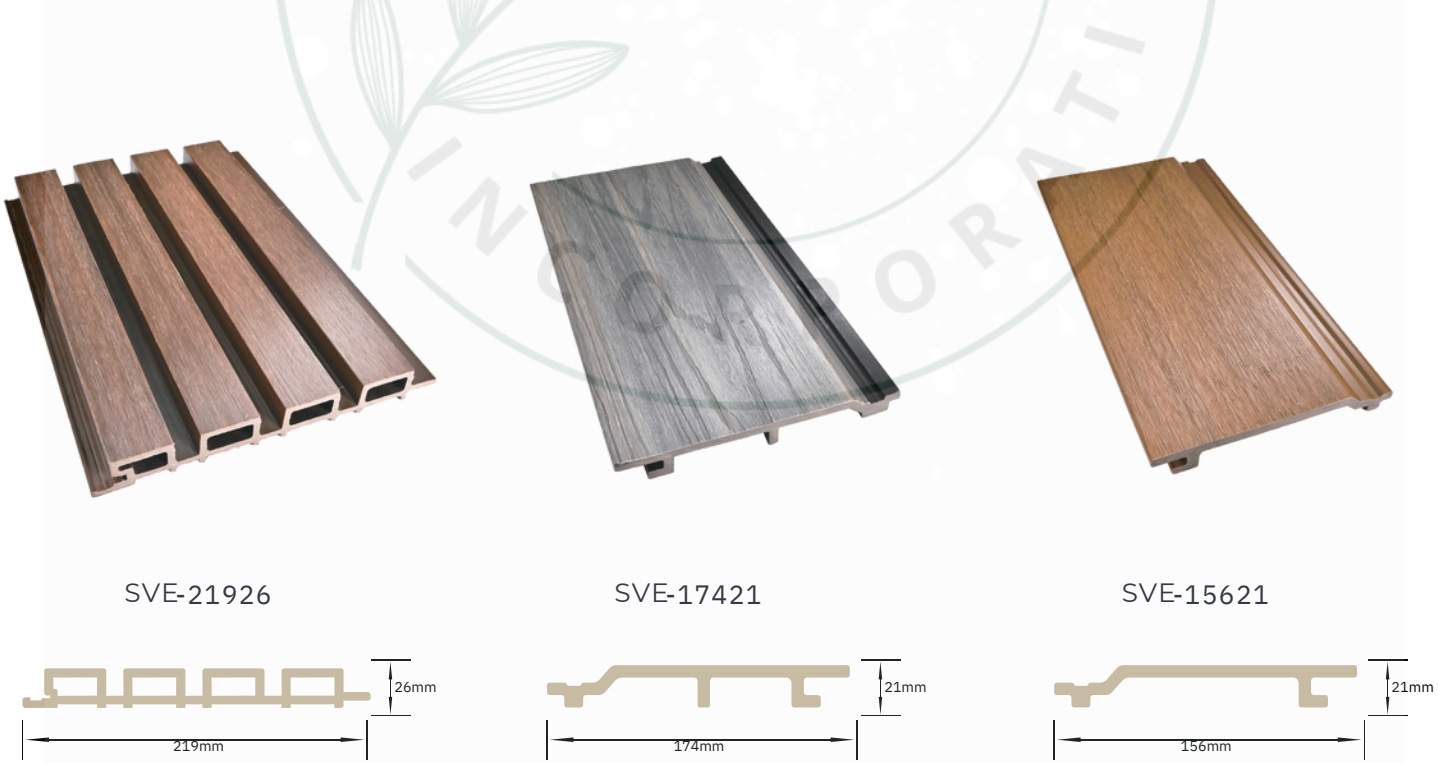
Wood Grain

Sanding

WPC Classic Cladding



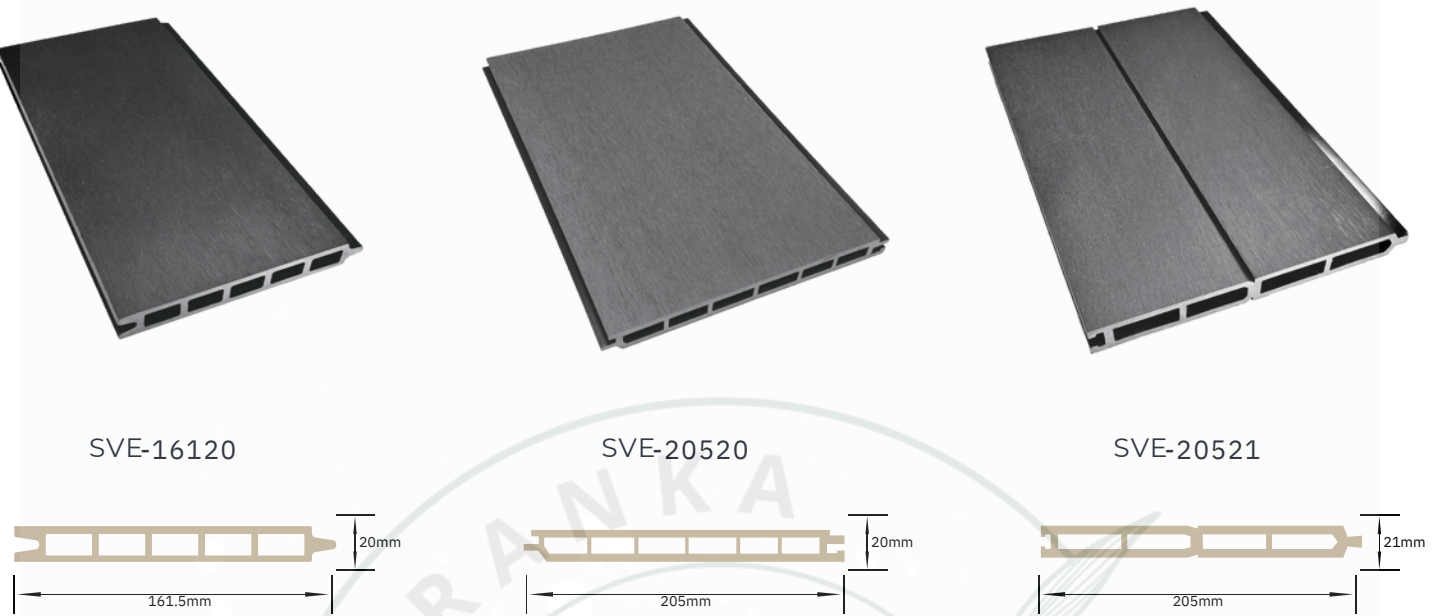
WPC Co-extrusion Cladding





Installation

WPC Fence



WPC Post





GUARDRAIL



GP01



GP02



GP03



GP04



GP05



GP06



GP07



GP08



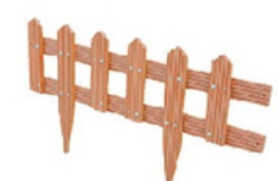
GP09



GP10



GP11



GP12



PERGOLA

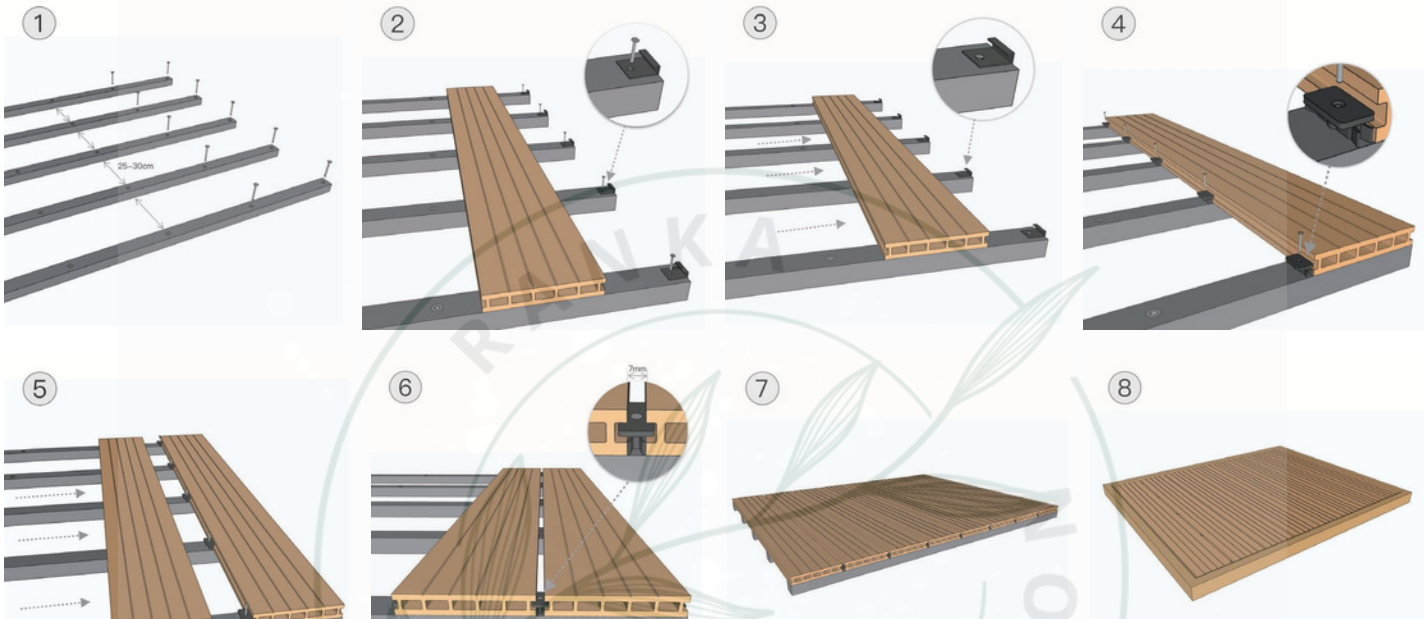


145*10MM

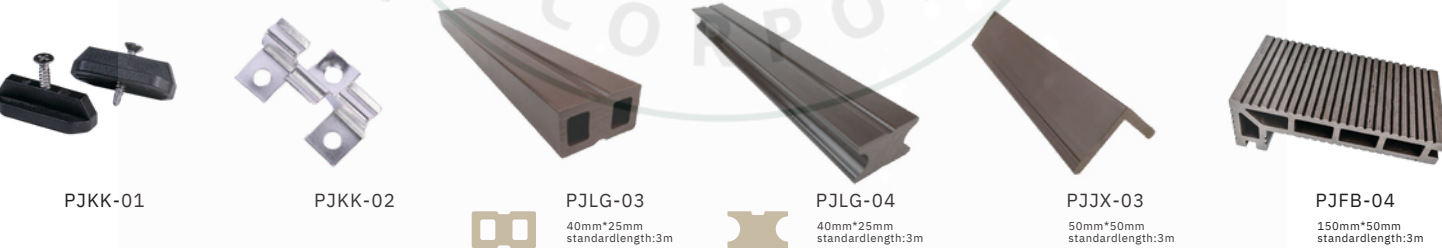


70*11MM

Decking Installation Steps



• Accessories



Packing and Shipping

