



Nanjing Xuhua Sundi New Building Materials Co.,Ltd

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Dedicate to being the most professional WPC manufacturer in China!

Product Catalogue



Company Introduction

1. P4-6 SundiGlory Co-exution Series

P7-12 Decking

P13-14 Greatwall Siding

P15-18 Wall Cladding

2. SundiVintage 3D Pattern Series

P19-20 Classical Pattern

P21-22 3D Oak Pattern

3. P23-28 Company Introduction & Advantages

4. Assembled Products Series

P29-30 Garden Shed

P31-32 Railing

P33-34 Fence

P35-38 Pergola

5. P39-40 QC&Service

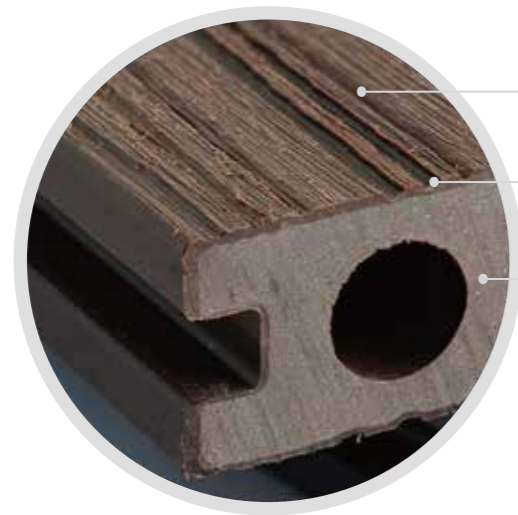


0.6-1.0mm thick
Shield available

Excellent Water-proof

360° Fully Capped with
Thick Protective Layer





360°

Fully Capped with Thick Protective Shield, Waterproof

THICK shield accept sanding, **MORE** natural feeling

Environmental Renewable Wood Powder

SundiGlory Series

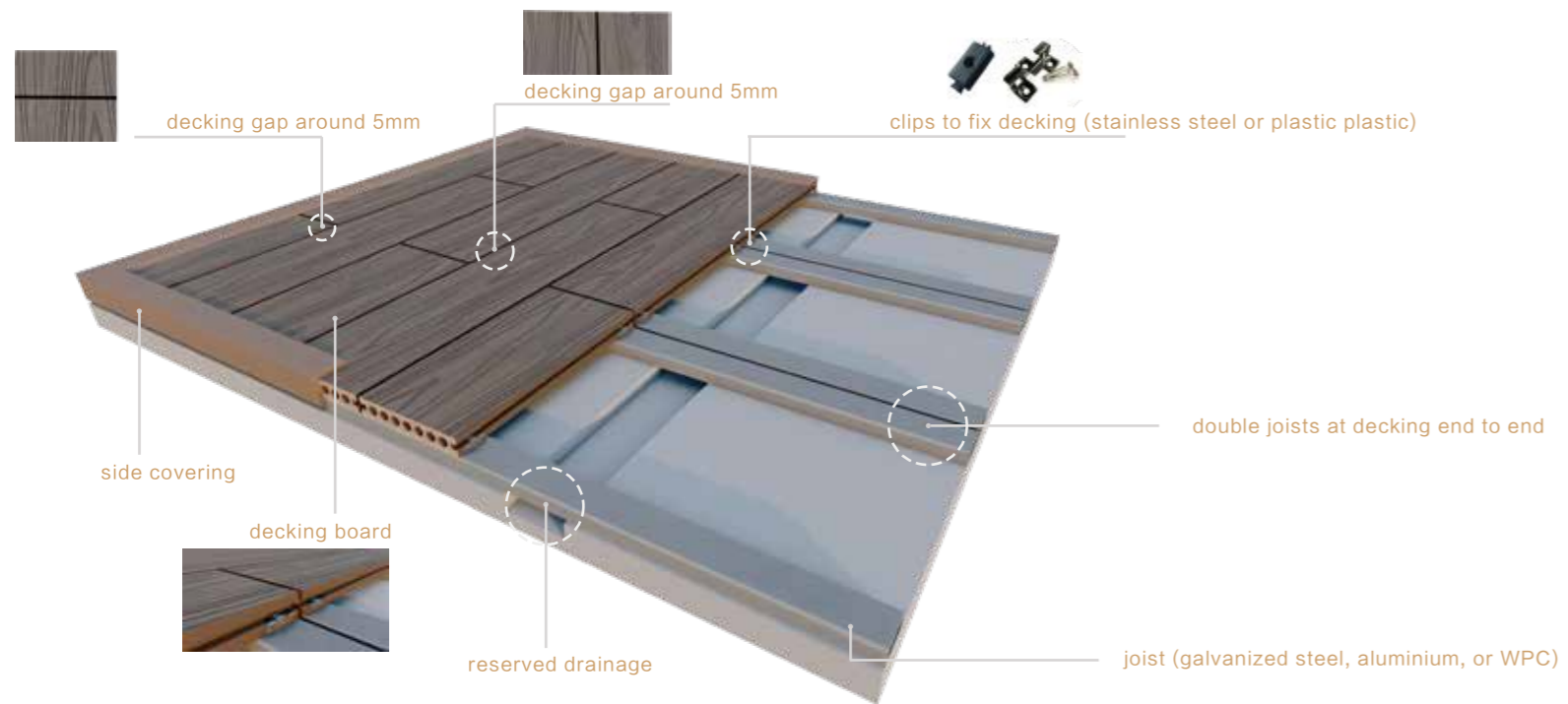
SundiGlory series apply high-end co-extrusion technology, product range including SundiGlory decking, wall cladding, railing, etc. SundiGlory Series can make your outdoor living comfortable and graceful.

- Adapting to all kinds of climate conditons, withstand extremely hot or cold weather;
- Excellet waterproof, free of paint maintenance;
- 360° fully capped with 0.6–1.0mm thick protective layer, more stable performance;
- Waterproof, UV resistance, and weather resistance;

SundiGlory series are exclusively developed superior WPC products which have advan-taged performances for your choice, such as high wear resistance, good anti-slip, fire resistance, soft shield capping, etc.

SundiGlory Decking

Decking Installation Sketch



Accessories



SDES8X80



SDLP001



SDMP004



SDMP005

Covering&starter



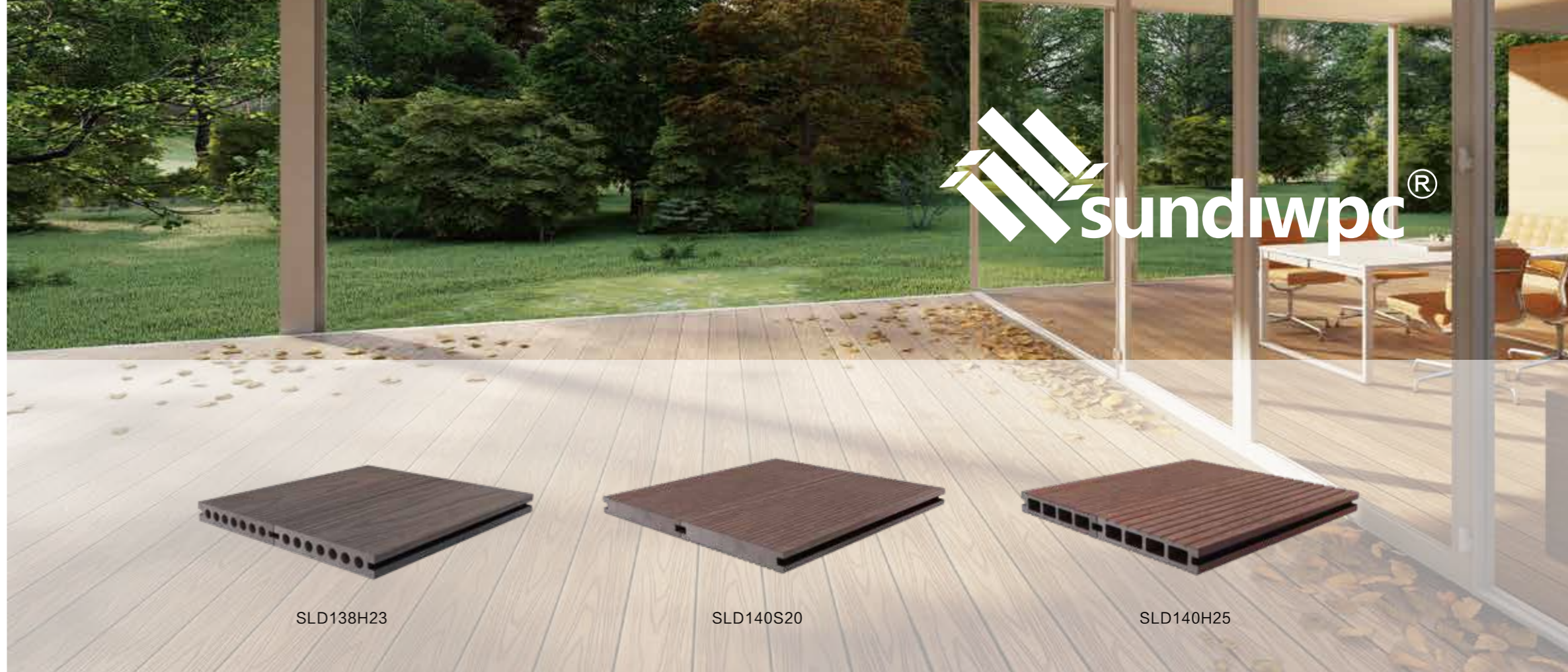
YD50L50
L-shape covering



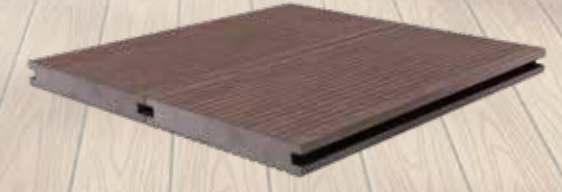
YD138Y23
Starter board



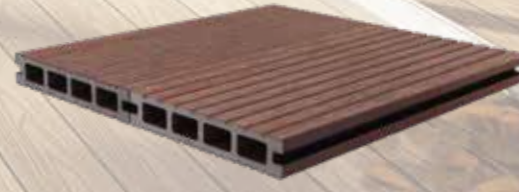
YD138S10
Thin Board Covering



SLD138H23



SLD140S20



SLD140H25



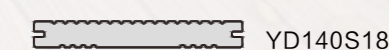
YD138H23



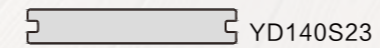
YD140H25A



YD140H22



YD140S18



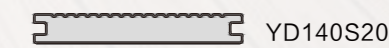
YD140S23



YD140H25B



YD148H23



YD140S20



SundiGlory Deck Colour



TK(Teak) RW(Red Wood) WN(Walnut) LG(Light Gray) EB(Ebony) CF(Coffee) Antique (AT) Lavender Blue (LB)

SundiGlory Deck Pattern





SundiGlory Greatwall Siding



SundiGlory Greatwall Siding

Colors of Greatwall Siding



CF(Coffee)

(OK)OAK

IPE



(BL)Black

SG(Silver Gray)

(NW)Natural White



(DT)Dark Teak

(MP) Maple

Accessories



Starter Bar



Outside Corner Bar



Inside Corner Bar



Clip

The Greatwall Siding System, many colors choice, and with the whole set corner and starter bars.

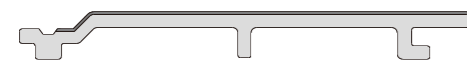


SundiGlory Wall Cladding

SundiWPC can be matched with all kinds of building materials, showing different wall styles, mixing perfectly with modern simplicity style, Chinese style, American Style, European luxury style, etc.

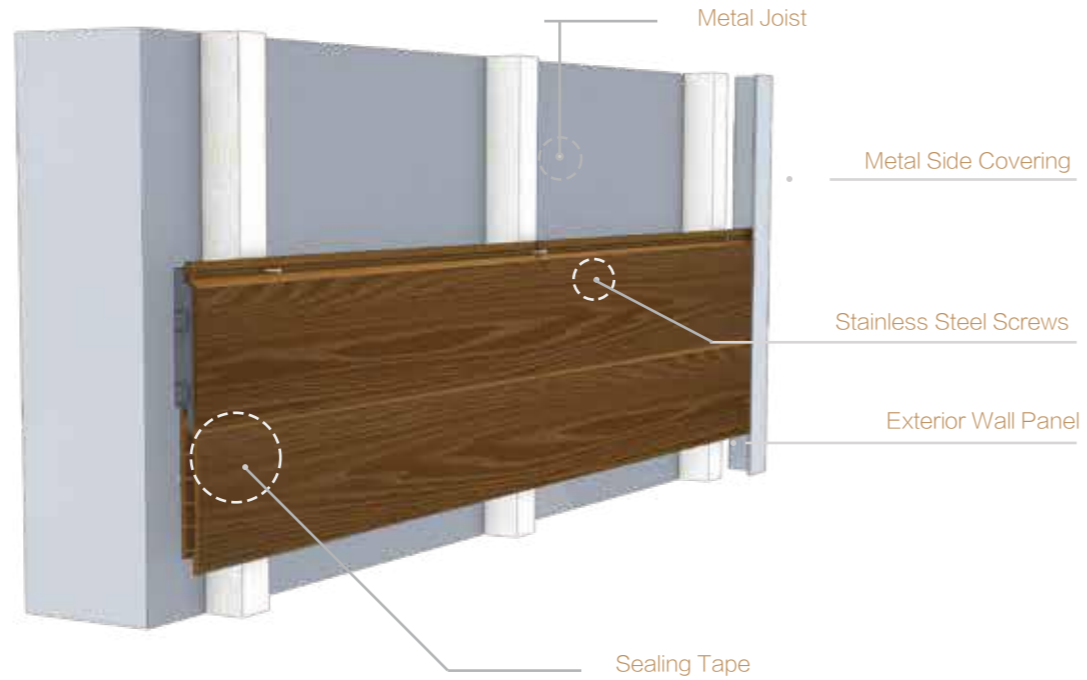


YD170H18



YD170Y18

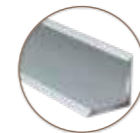
Installation Joining Points Sketch



Accessories



Metal Joist



Metal Side Covering



Sealing Tape



Stainless Steel Screws





SundiGlory Wall Cladding Colour/Pattttern



CF(Coffee)



LG(Light Gray)



WN(Walnut)



WH(White)



TK A3(Teak A3)



TK A1(Teak A1)

SundiVintage WPC



Classical Pattern



SLD140S23C



SLD140S23F

Classical Color



Classical Coffee



Classical Gray



Classical Redwood

Deep grain, deep love the deep pattern like the real trunk surface



SundiVintage WPC



Colors of 3D Pattern



RW(Redwood)



LG(Light Grey)



CK(Chocolate)



TK(Teak)

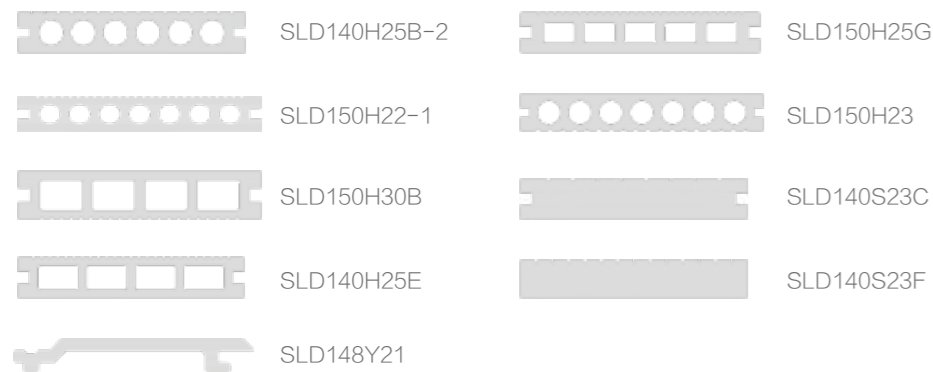


BG(Black Grey)



CF(Coffee)

3D Oak Pattern



3D OAK PATTERN, stable ON-LINE 3D Pattern pressing and brushing with beautiful surface





Company Introduction

Sundi WPC: Dedicating to be the most professional WPC manufacturer in China.

Sundi has the best and biggest WPC R&D team in China, nowadays, one doctor, three postgraduates and 8 bachelors hold posts in R&D team, Sundi has the long corporation with Chinese Academy of Forestry, Nanjing Normal University, South China Agricultural University in WPC performance and application R&D.

2009, Sundi set up Nanjing factory and start to produce the common WPC profiles, and began to technical innovation.

2011, Sundi set up Hongze factory.

2012, Sundi success to produce Adamas WPC which with 2-3 times performance than Common WPC.

2013, Sundi Joined in " WPC innovation league " , and dedicated to technology innovation.

2015, Sundi owns more than 15 patents, and many our star products such as Adamas WPC and SundiVintage WPC etc are recognized by customers.

2017, Sundi receives the international award of Green Designing and Product Innovation for our contribution to Green Designing at the World Green Design Forum in Brussels, Belgium.

2018, Sundi was chosen as the Rotating Director Unit of Chinese " Professional Committee for Wood Plastic Composite " .

2019, Sundi expanded the Nanjing factory and adopted a series of the most advanced equipment in WPC industry, such as fully automatic enclosed granulation system, pipeline material transporting system, integral dust removal system, to achieve the intelligentization, full automation and cleanness of granulation, extruding and post-processing process.

2020, Sundi has 50 mass production lines with annual production capacity 30,000 tons.

2022, 30 new producing lines have been put into use in Hongze Branch.

Sundi Adamas WPC introduction

PlusAdamas is high level performance which can be applied to all Sundi WPC products. The formula is mixed with the wood fiber and high performance modified plastic and other special additives.

Compared to basic one, PlusAdamas WPC has super high performance, 2-3 times that of the basic one. PlusAdamas one can withstand high temperature of 100 degree centigrades without deformation, has lower water absorption rate, lower linear thermal expansion coefficient, and better dimensional stability.

There are two levels of Sundi PlusAdamas WPC, High Class (PlusAdamas - H) and Super Class (PlusAdamas - S).



Advantages in performance

- 1) High bending strength
- 2) High textile strength
- 3) More impact-resistance
- 4) Low expansion rate
- 5) Low water absorption rate
- 6) Saving the auxiliary, saving labor and time

The performance comparison table of Sundi PlusAdamas WPC and Basic WPC:

ITEM.	Bending failure load (N)	Bending strength (MPa)	Impact-resistance (KJ/M2)	Distortion temperature (°C)	Expansion rate (,10 ⁻³ K ⁻¹)	Creep recovery rate(%)	24h water absorption (%)	Fastener holding test (N)
Basic Level	2500-3000	22-25	4.5-8	60-70	5.5-12	75	0.8-1.2	2000-2500
PlusAdamas H	5000-6500	45-55	12-22	85-100	4-5.5	80	0.6	3000-3800
PlusAdamas S	5000-6500	45-55	15-22	95-110	3-5.5	85	0.6	3800-4500

The technical data is just a rough comparing on different WPC, and official data depends on the testing report signed.

SIX Advantages of SundiWPC

6

Six Advantages

Product Performance



No need maintenance



Excellent Wear Resistance



High Weather Resistance



Good Colour Fastness
Stable Color, Very Little
Colour Fading



Stain-resistant



Stable Performance
Low Size Change & Low
Thermal Expansion Rate

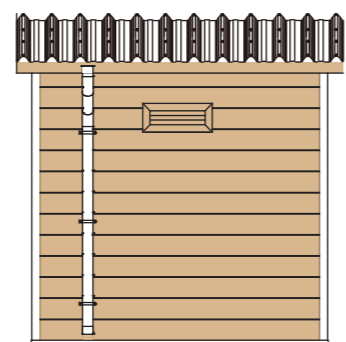
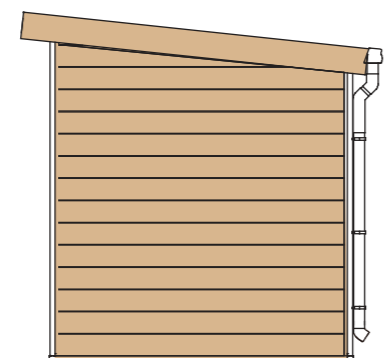
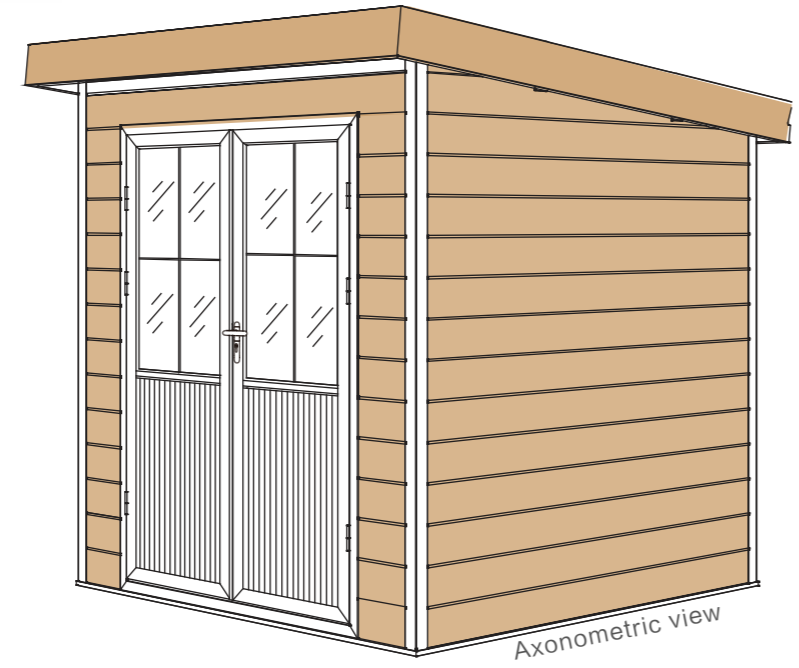


Sundi WPC GARDEN SHED

ASSEMBLED PRODUCT SERIES

GARDEN SHED

Our garden shed is equipped with aluminum structure, aluminium door, aluminium Ventilation ,WPC wallboard and resin roof panel, and we improve the design to let the shed more steady.

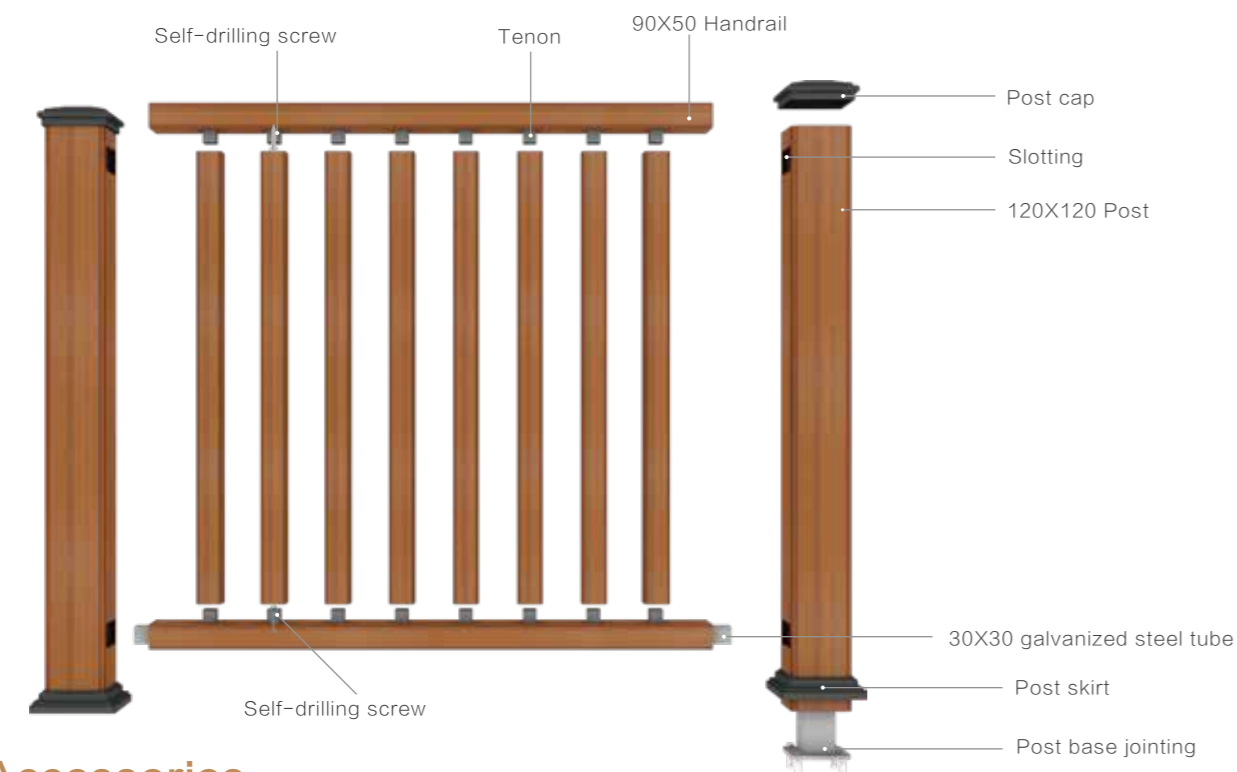


SundiGlory RAILING

ASSEMBLED PRODUCT SERIES

RAILING

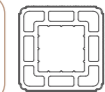
Modern style design, simple but not plain,
use tenon and slotting coherently bringing grace and beauty to outdoor living.



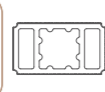
Accessories



YD120H120Post



YD90H50Handrail



YD50H50Baluster



Sundi WPC FENCE

ASSEMBLED PRODUCT SERIES

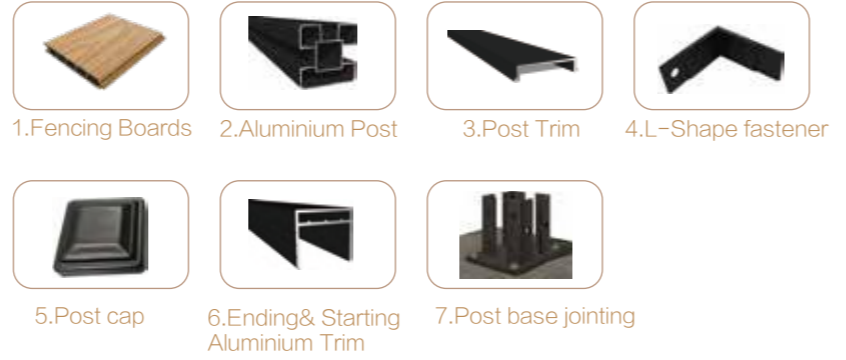
FENCE



Accessories



Accessories



ASSEMBLED PRODUCT SERIES PERGOLA

Splinter free with 100% wooden feeling

- 1, Finishing touch in your yard and garden.
- 2, Various blade shapes.
- 3, Preprocess profiles and easy to install.
- 4, A number of options.

Modern Simple Pergola



Big Post Pergola Materials

NO.	Specification	Function	Section	Length (m)	Adamas WPC H series (mm)
1	SLD200H200C	Post		2.8	Steel tube 1.0m
2	SLD180H80	Beam		4	Steel tube 4 m
3	SLD160H80-1	Blade		3	—————

Small Post Pergola Materilas

NO.	Specification	Function	Section	Length (m)	Adamas WPC H series (mm)
1	SLD150H150C	Post		2.8	Steel tube 1.0m
2	SLD160H80-1	Beam		4	Steel tube 4 m
3	SLD120H70B	Blade		3	—————

Traditional Pergola



Big Post Pergola Materials

NO.	Specification	Function	Section	Length (m)	Adamas WPC H series (mm)
1	SLD200H200C	Post		2.8	Steel tube 1.0m
2	SLD180H80	Beam		4	Steel tube 4 m
3	SLD160H80-1	Blade		3	_____

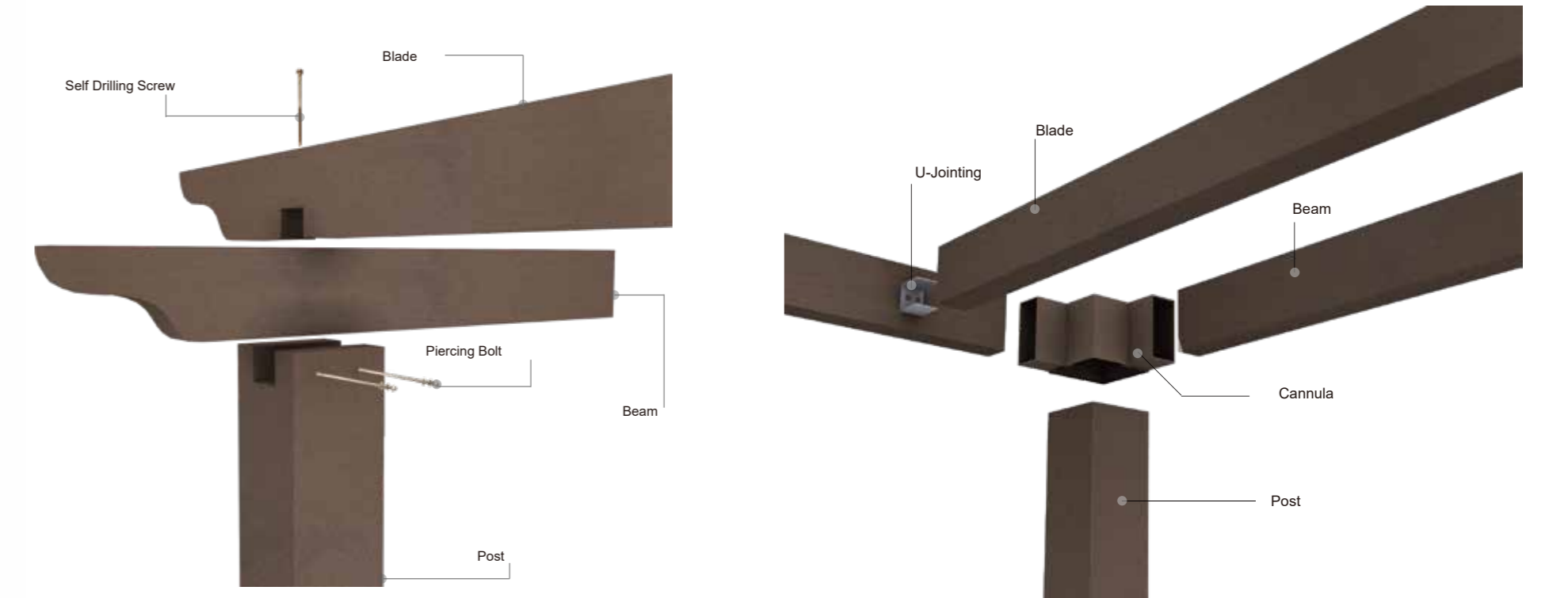
Small Post Pergola Materilas

NO.	Specification	Function	Section	Length (m)	Adamas WPC H series (mm)
1	SLD150H150C	Post		2.8	Steel tube 1.0m
2	SLD160H80-1	Beam		4	Steel tube 4 m
3	SLD120H70B	Blade		3	_____

Blade&Beam End Shape



INSTALLATOIN SKETCH MAP



Traditional Pergola

Modern Simple Pergola

QUALITY CONTROLLING

Raw materials: stable suppliers, quality control of moisture percentage, color and performance.

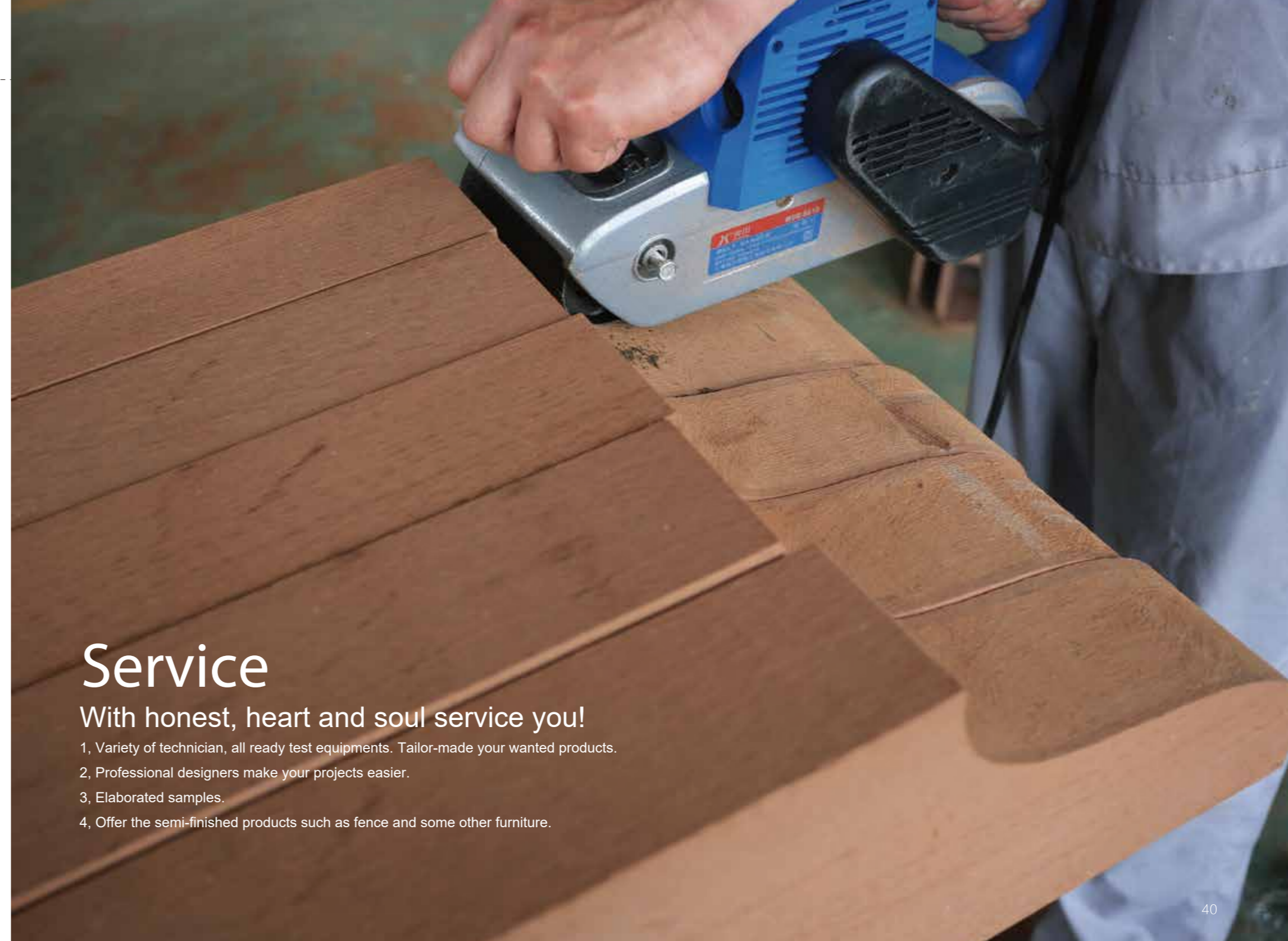
Granules: inspection of moisture percentage, size and color of granules.

Extruding profiles: constant extruding speed, quality control of color, dimension, surface flatness, distortion degree and performance test.

Surface finishing: sanding degree and grain evenness degree controlling.

Storage: clean and clear.

Ex-factory inspection: check the profiles on the top and bottom of the packages ensure perfect goods!



Service

With honest, heart and soul service you!

- 1, Variety of technician, all ready test equipments. Tailor-made your wanted products.
- 2, Professional designers make your projects easier.
- 3, Elaborated samples.
- 4, Offer the semi-finished products such as fence and some other furniture.