



ARLUXE

WALL SYSTEM • WPC WALL PANEL

INDOOR WALL PANELS CATALOG



Discover the Benefits of WPC Wall Panels

Wood Plastic Composite (WPC) is a cutting-edge material. This innovative product combines 20% wood powder, 50% plastic, and 30% additives, creating a versatile and durable solution for your wall covering needs.

Our WPC cladding is designed for easy installation. It features a buckle style and can be slotted on the back for flexibility, making it perfect for both flat and curved surfaces.

Unlike traditional wooden grids, which can become moldy and deformed over time, our WPC fluted grid is environmentally friendly, moisture proof, and resistant to deformation.

Outstanding Advantages

Choosing WPC cladding offers numerous benefits:

- **Waterproof:** Ideal for areas exposed to moisture.
- **Fireproof:** Provides extra safety for your home or building.
- **Color Stable:** Retains its vibrant appearance for years.
- **Moisture-Proof:** Perfect for humid environments.
- **Easy Installation:** Hassle free setup saves you time and effort.
- **Formaldehyde-Free:** Safe and nontoxic for indoor use.
- **Durable and Attractive:** Combines longevity with aesthetic appeal.
- **Eco Friendly and durable**

Upgrade your space with WPC cladding and experience the perfect blend of style, durability, and convenience. Contact us today to learn more.



Waterproof



Insect prevention



Environmental
protection



Flame-retardant



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WALL SYSTEM ● WPC WALL PANEL



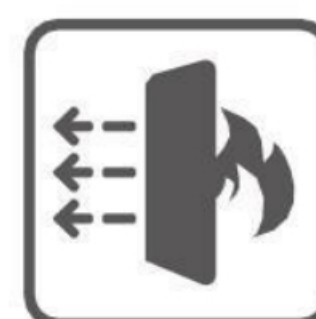
Waterproof



Insect prevention



Environmental
protection



Flame-retardant

Indoor Wall Panels



Indoor Acacia



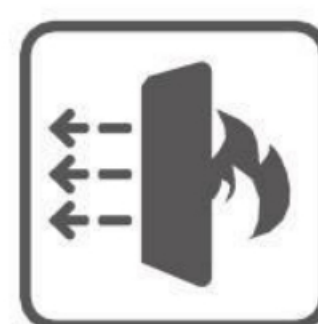
Waterproof



Insect prevention

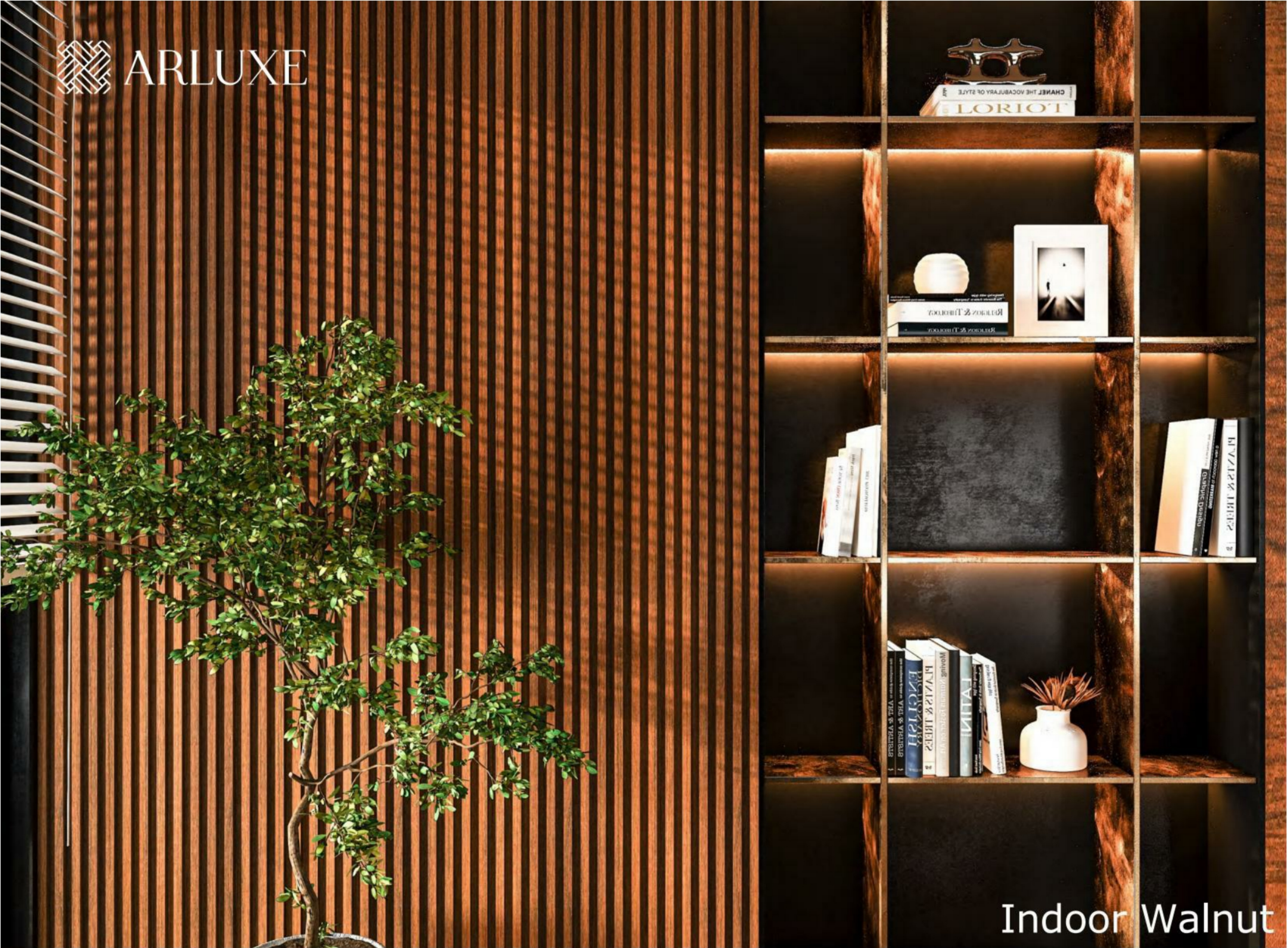


Environmental
protection



Flame-retardant





Indoor Walnut



Indoor Cherry



Indoor White

 ARLUXE



Indoor Black

Indoor Carrara



INDOOR 02 METALLIC NICKEL



INDOOR 01 METALLIC SILVER



INDOOR 03 METALLIC COPPER



INDOOR 06 METALLIC GOLD





INDOOR LIGHT GRAY CHEVRON MATT



INDOOR METALLIC BLACK 41



INDOOR STATUARIO MATT



INDOOR TEXTILE CANVAS FULL WHITE



INTERIOR BLACK LINES-06

INTERIOR BLUE DENIM-75



Waterproof



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Flame-retardant



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PS WALL PANELS



PS INDOOR GOLDEN BLACK



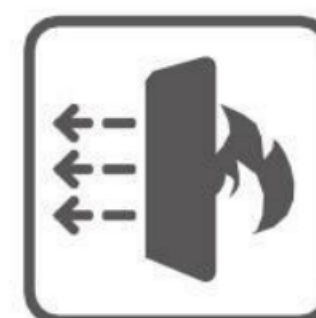
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PS INDOOR GOLDEN WHITE



Waterproof



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Flame-retardant



PS INDOOR SILVER BLACK



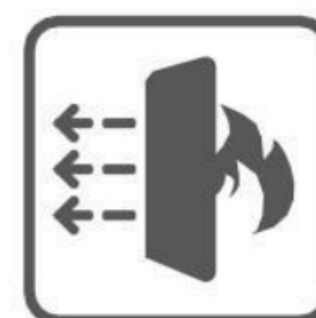
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PS INDOOR SILVER WHITE



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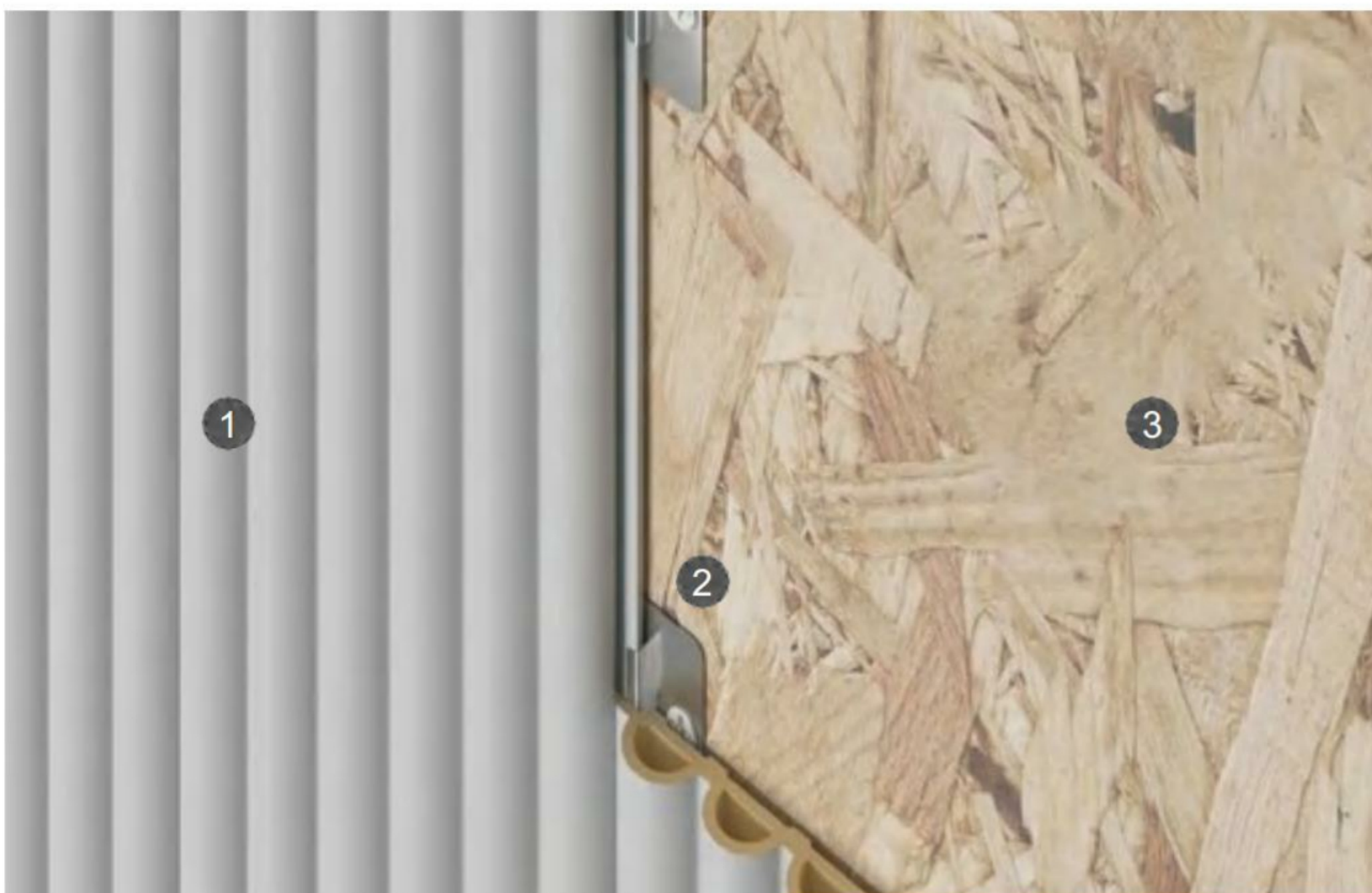


Flame-retardant

INSTALLATION MODE



- 1&4. Puttying and leveling
- 2. Apply structural adhesive on the back
- 3. Male and female slot splicing or metal clip splicing
- 5. Rough wall



- 1. Apply structural adhesive on the back
- 2. Male and female slot splicing or metal clip splicing
- 3. Puttying and leveling

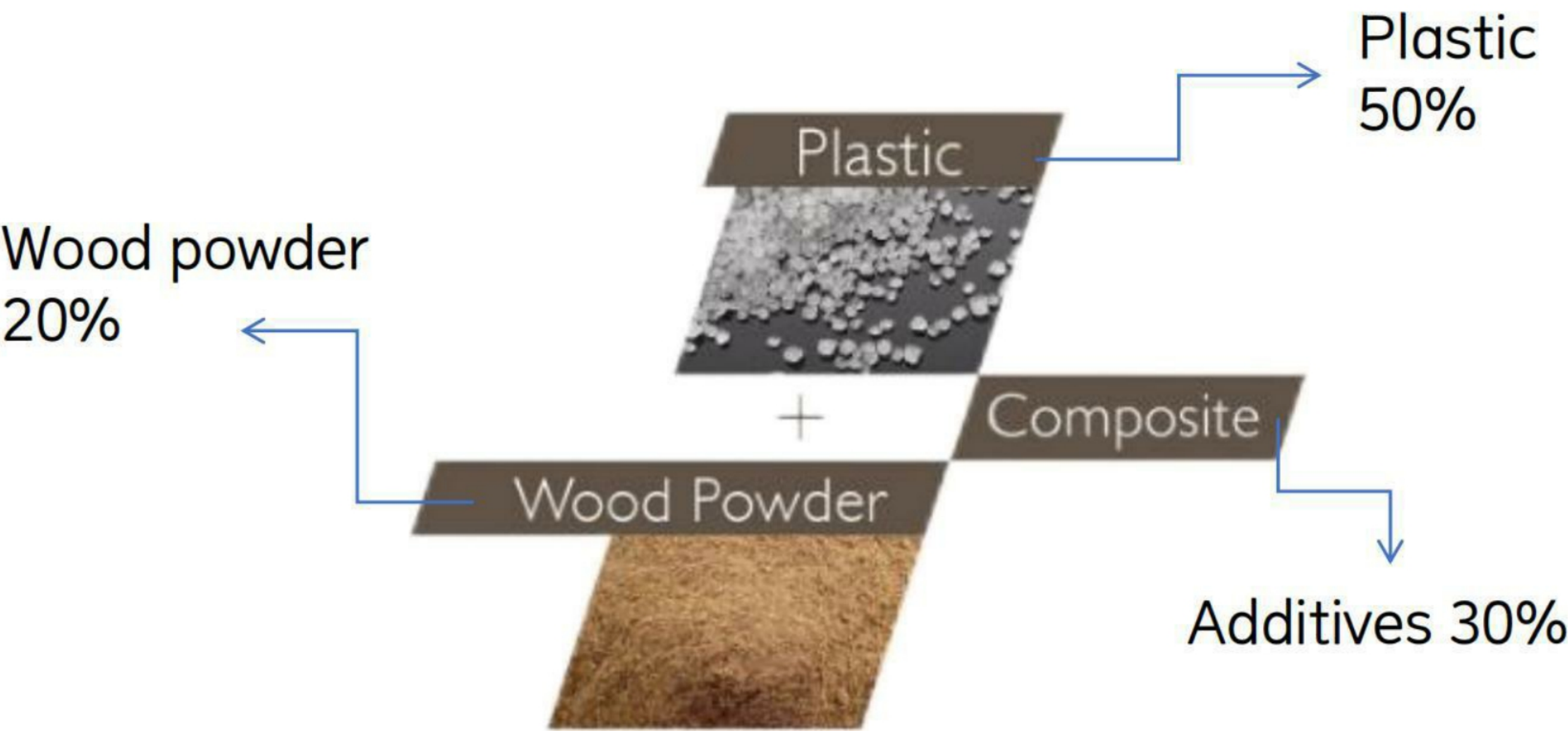


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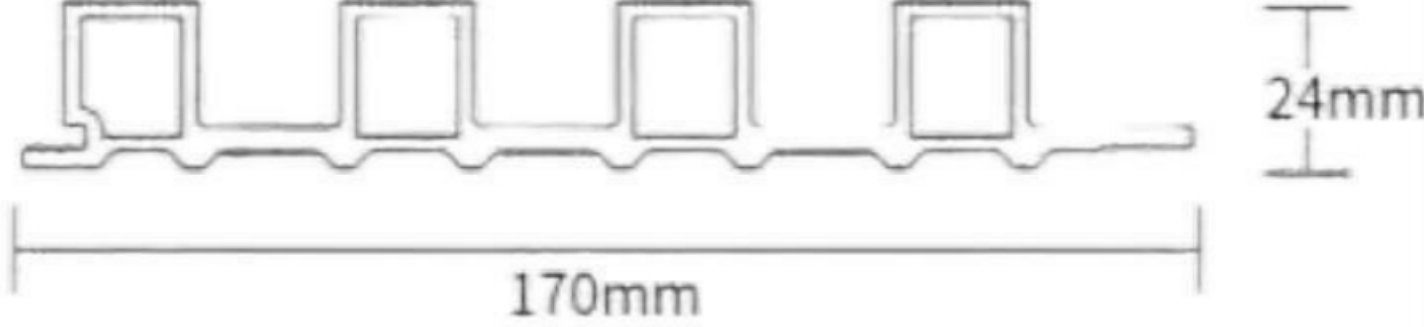
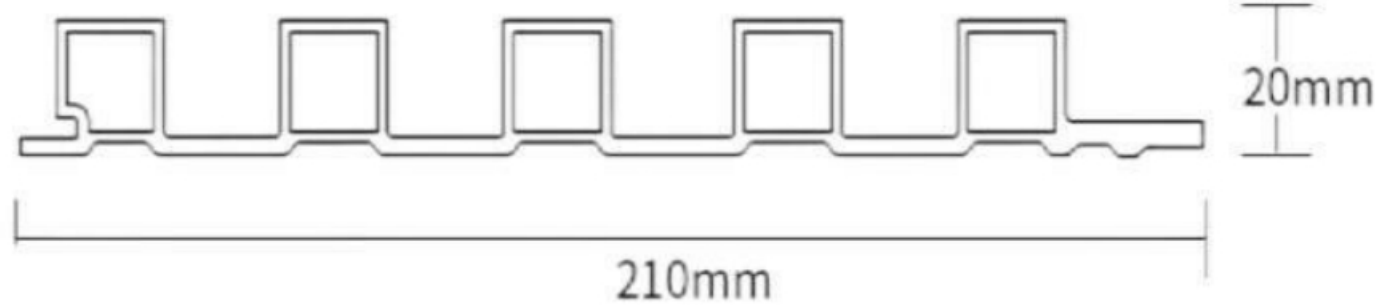
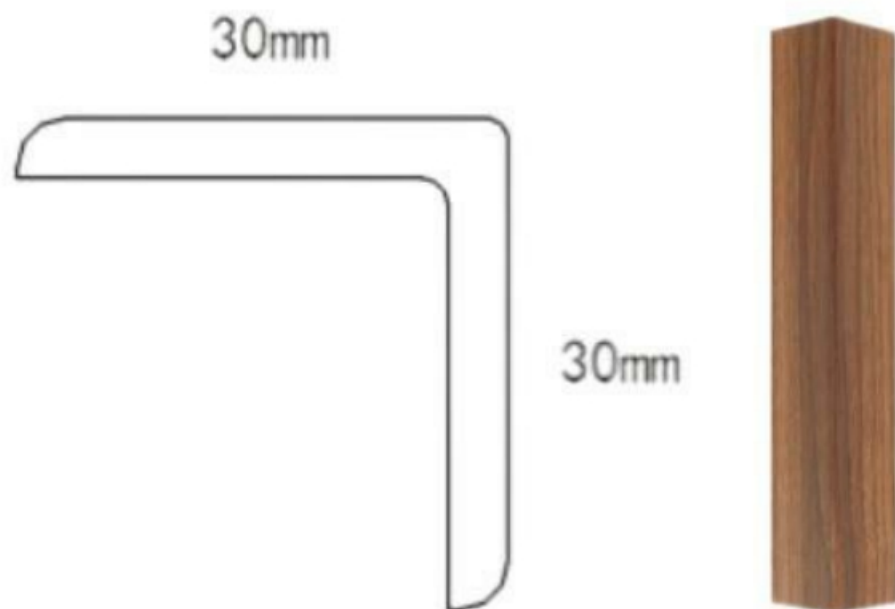
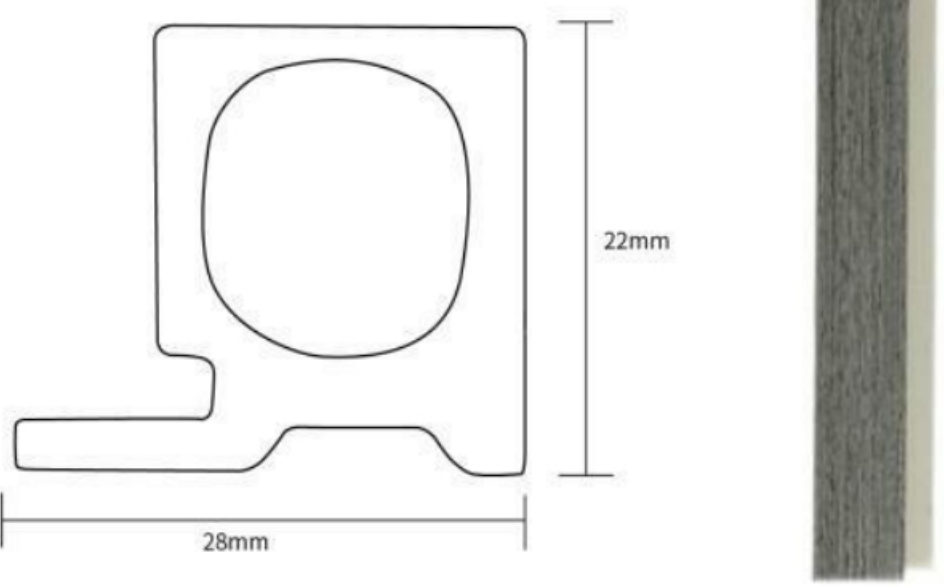
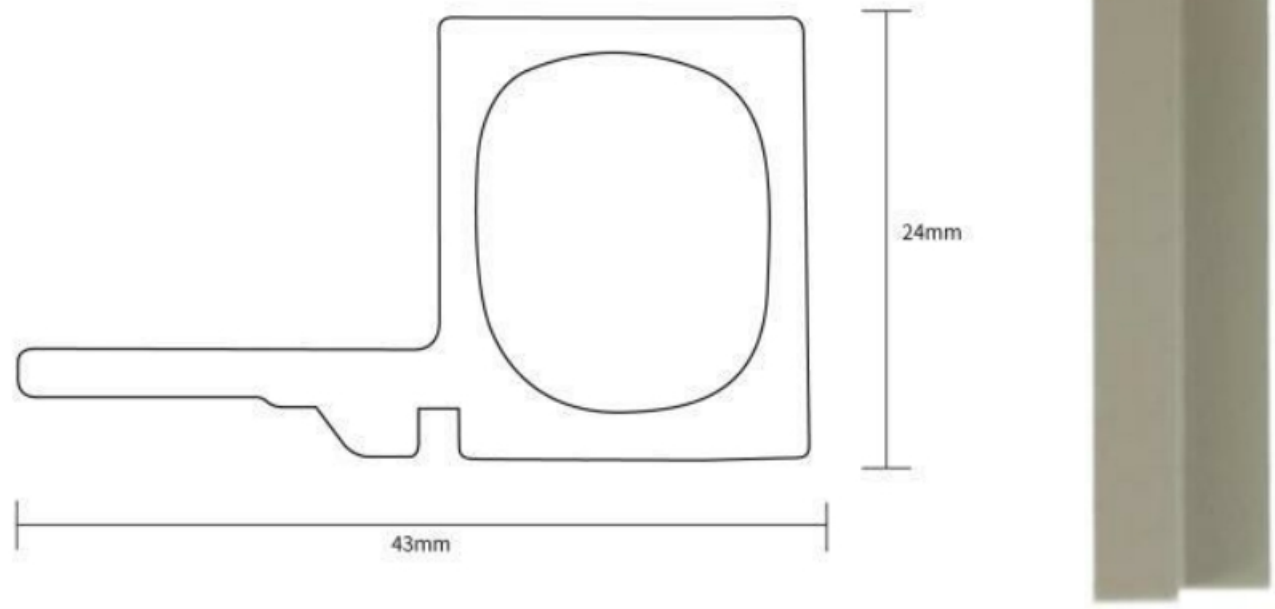
WALL SYSTEM • WPC WALL PANEL

INDOOR WALL PANELS





Material	Wood Plastic Composite
Finish	High quality PVC film (Food Grade)
Fire Rating	Class B1
Advantage	Waterproof & Moisture-proof & Fireproof
Eco level	E0 (Formaldehyde-Free)
Component	20% wood powder+50% plastic+30%additives
Features	(1) Durable & long last lifetime (2) Anti-termite & mould proof (3) Scratch-resistant, safe for children (4) Waterproof, easy to clean & maintain (5) Volumetric properties provide some diffusing characteristics of acoustic energy

Model	Photo	Dimension
INDOOR WPC 160		114.17 x 6.69 x 0.94 in (2900*170*24 mm)
INDOOR WPC 210		114.17 x 8.26 x 0.78 in (2900*210*20 mm)
INDOOR WPC ACCESSORY		114.17 x 1.18 x 1.18 in (2900*30*30 mm)
INDOOR WPC ACCESSORY		114.17 x 1.02 x 0.94 in (2900*28*24 mm)
INDOOR WPC ACCESSORY		114.17 x 1.69 x 0.94 in (2900*43*24 mm)

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No.	Property	Test Method	Test Result						Conclusion	
1	Antimicrobial Activity Test	ASTM G 21-15 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi	Test organism(s)	Concentration of spores (spores/mL)		Rating observed growth on specimens (after 28 days)		Pass		
			*Test organism	1.0x 10^6		0 Grade				
2	Boiling Test	EN 15534-1:2014+ A1:2017 Section 8.3.3	Mass change rate:0.18%						Pass	
3	Coefficient of Linear Thermal Expansion	EN 15534-1:2014+A1:2017 Section 9.28 ISO11359-1-2014 & ISO 11359-2-1999 Method A	43×10^-6×K^-1						Pass	
4	Creep Behaviour - Unknown Span in Use	With reference to EN 15534-1:2014+A1:2017 Section 7.4.2 and client's requirement	Creep factor (C+) 1.12 Creep recovery (E): 46%						Pass	
5	Single Flame Source Test	EN 15534-1:2014 Section 9.6.1&EN ISO 11925-2:2020	Exposure conditions	Edge exposure			Surface exposure			Pass
			Specimen No.	1	2	3	1	2	3	
			Whether ignition occurs	Yes	Yes	Yes	Yes	Yes	Yes	
			Whether the flame tip reaches 150 mm above the flame application point	No	No	No	No	No	No	
			The time when flame tip reaches 150 mm,s	/	/	/	/	/	/	
			Whether ignition of the filter paper occurs	No	No	No	No	No	No	

No.	Property	Test Method	Test Result				Conc usion
6	Swelling and Water Absorption	EN 15534-1:2014 Section 8.3.1&EN 317:1993	Test item	Test item Thickness	Width	Length	Pass
			Mean swelling	0.17%	0.01%	0.02%	
			Max individua swelling	0.21%	0.02%	0.03%	
			Mean water absorption	0.05%			
			Max individua water absorption	0.06%			

Test Report

Report No. A2230102638201001

Test Item: Fire Performance

1. Test Equipment

Equipment Name	Model
Flammability tester	SIT

2. Environmental Conditions

Temperature:20.6 °C; Humidity:47.8 %RH

3. Test Standard: GB 8624-2012

4. Test Result(s)

Condition

The specimens were conditioned to constant mass at a temperature of (23±2)°C and a relative humidity of (50±5)% for a minimum period of 48 h.

Results

Test items		Test method	Requirement		Test Result	Verdict
Flame spread within 20s(Fs), mm	Edge exposure	GB/T 8626-2007	B ₁ (E)	≤ 150	< 150	Pass
	Surface exposure				< 150	
Flaming droplets/particles within 20s		GB/T 8626-2007		No ignition of the paper	No ignition of the paper	Pass

Evaluation

The combustion performance of the sample meet the requirement of GB 8624-2012 B₁(E).

Statement: The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.