

Composite Fence Series



Ultra-low Maintenance

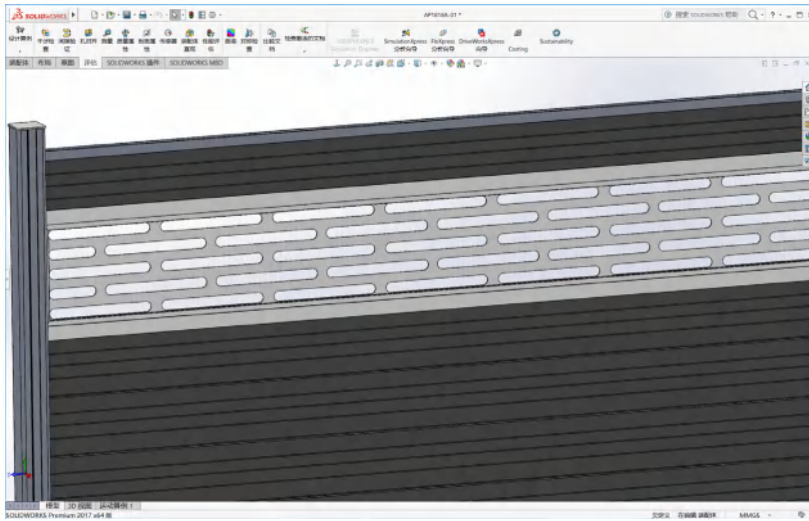
High Strength

Complete System

MILLINK TECHNOLOGY

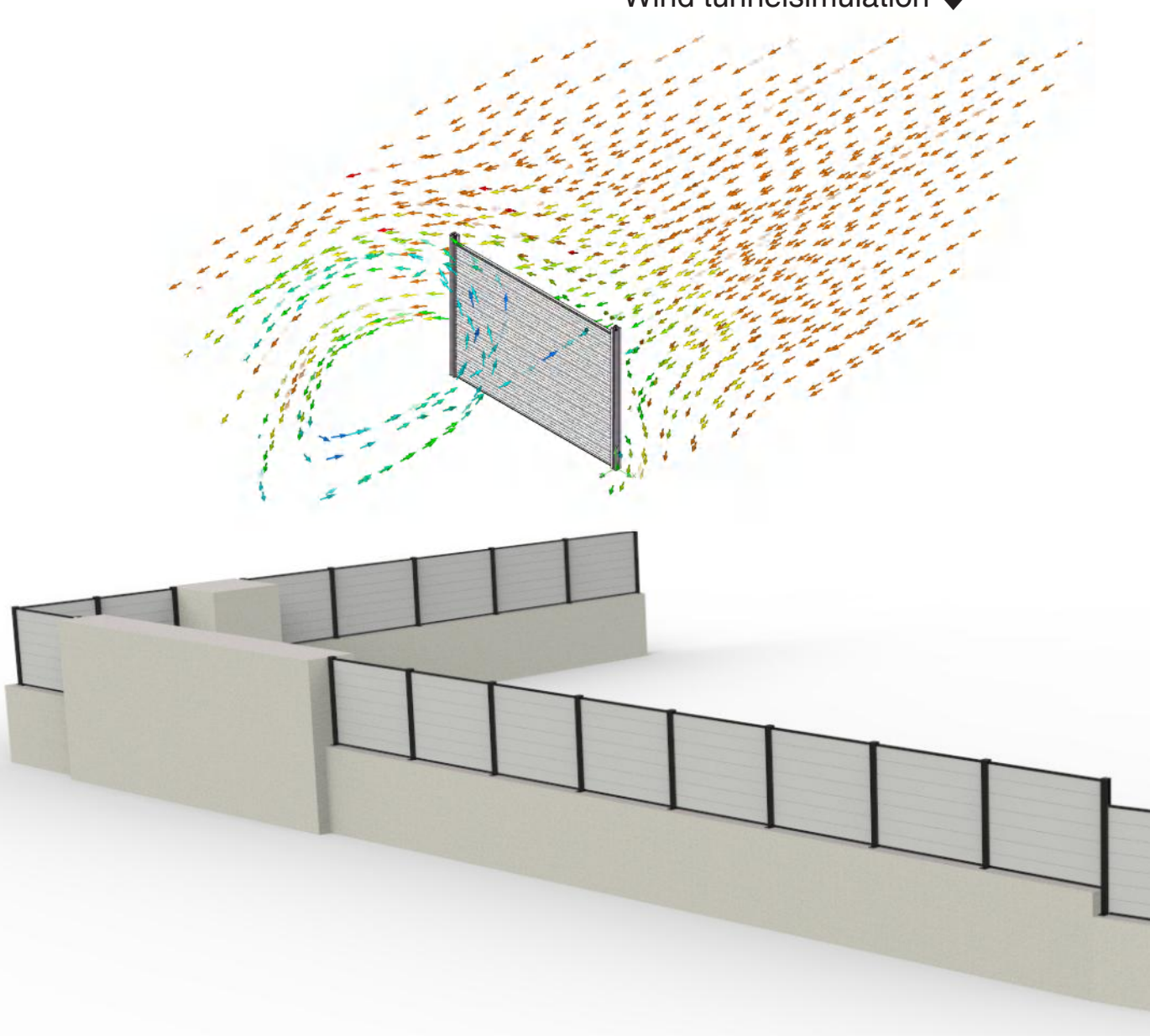
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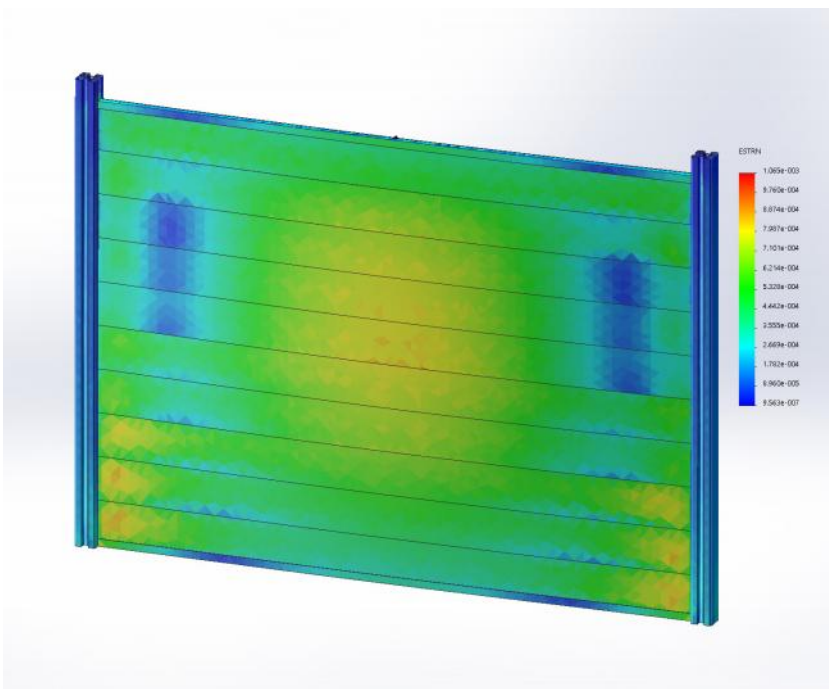
How to design



↑ Design structure with CAD software

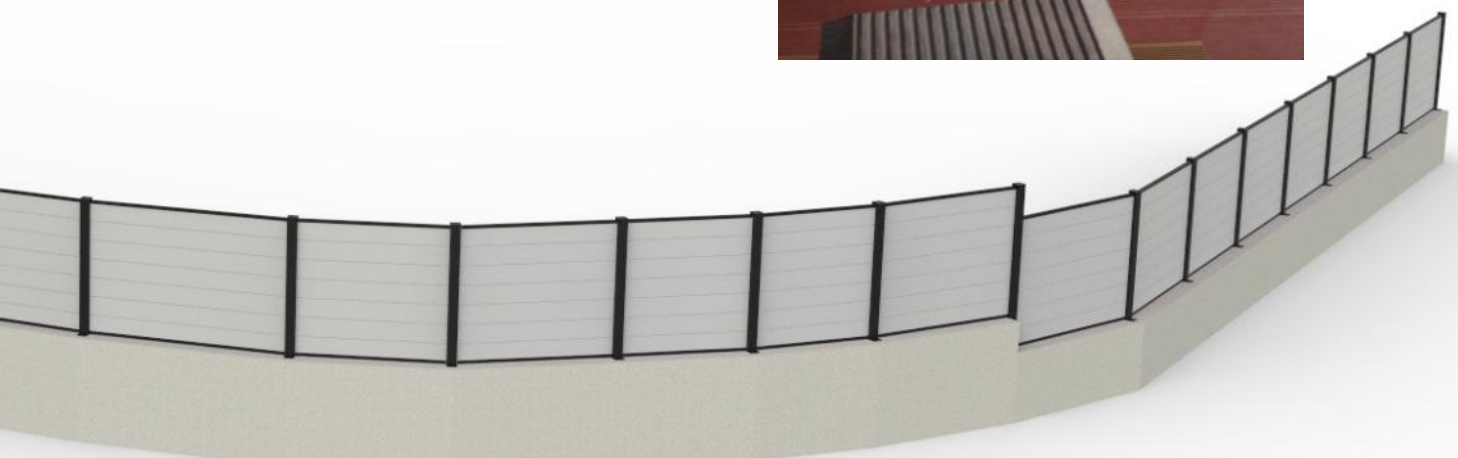
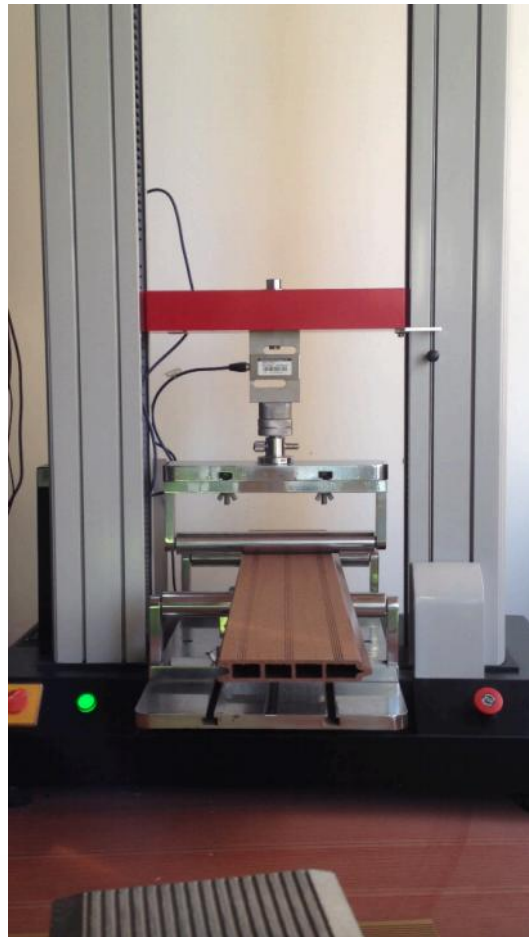
Wind tunnelsimulation ↓





↑ Wind load simulation

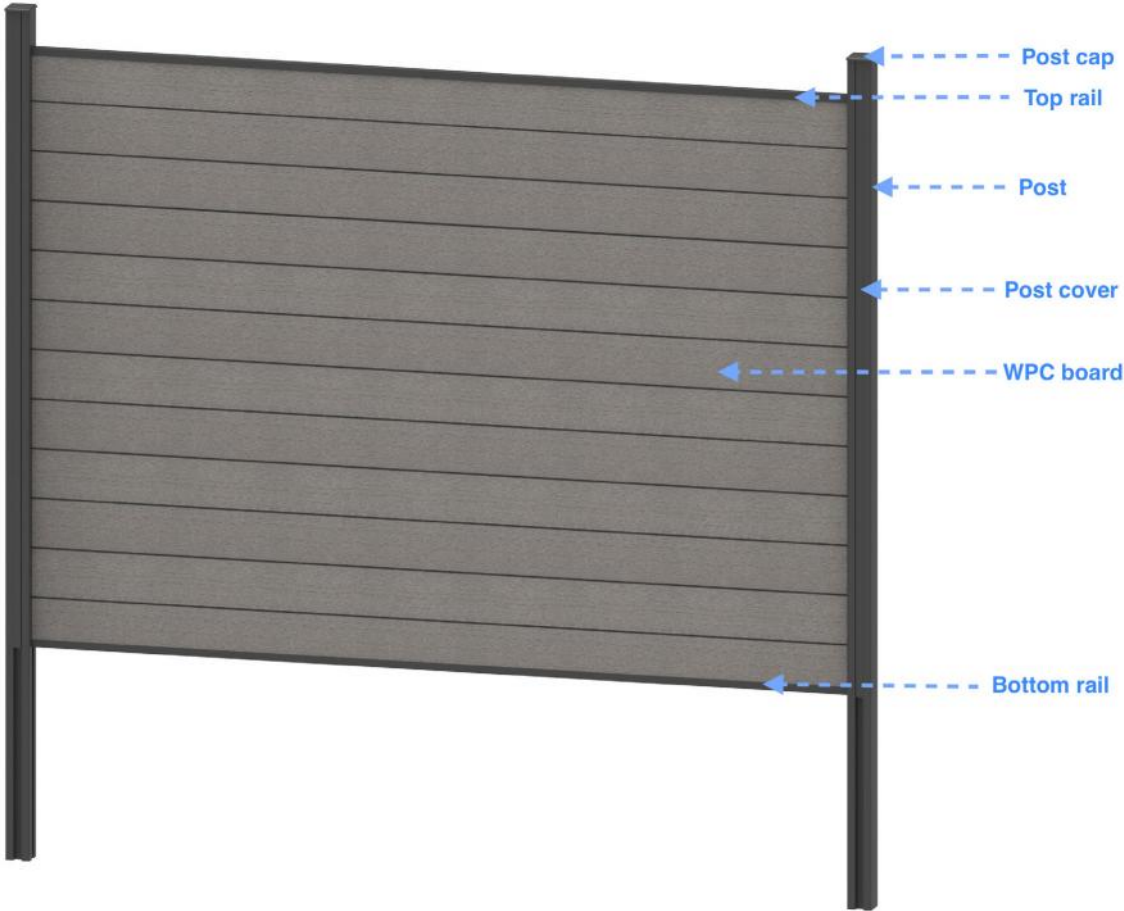
Test materials strength →



WPC Description

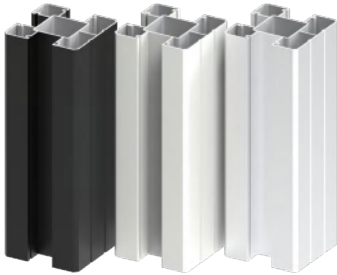
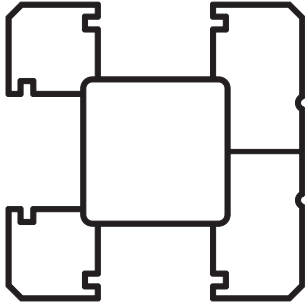
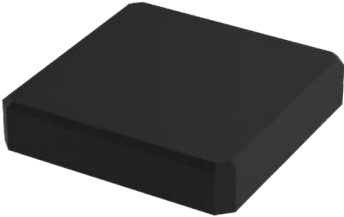
WPC Fence Vs Wooden Fence

Characteristic	WPC & Aluminium Combination Fence	Wooden Fence
Moisture Resistance	Waterproof	Water absorptive
Rot Resistance	Antisepsis	Rot except special treatment
Split Resistance	No cracked	Cracked by weathering effect
Distortion Resistance	Almost no contraction/expansion	Distorting effected by change of moisture and temperature
UV Resistance	High grade UV resistance	Easily effected by UV
Fading Resistance	Almost no contraction/expansion	Easy to fade
Outdoor adaptability	Great	Only few of treated-wood
No need Painting	No need	Need paint periodically
Longevity	≥ 8 - 15 Years	≤ 3 Yeas
Various Configuration	Extruded via various mould	Simplex
Environment Effect	Recyclable 100%	Consume wood
Weight	Light	Heavy
Operating temperature	-45 - 65°C	Wide range

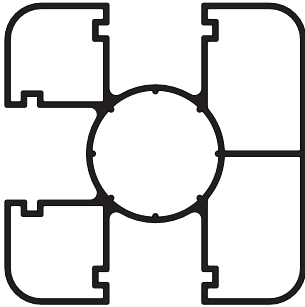
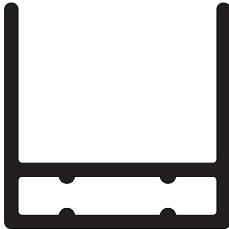
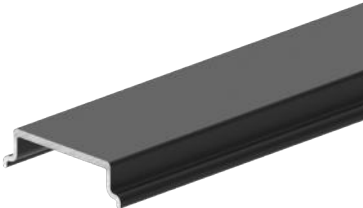


Parts & Accessories

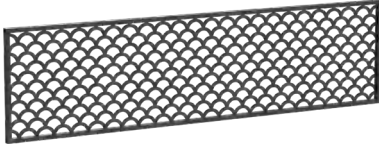
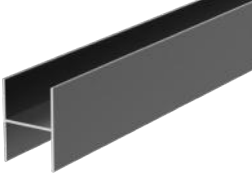
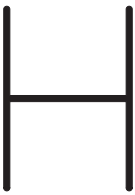
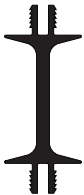
70 Series

Item	Part Name	Figure	Section
1	Post 70 Size: 70 x 70 mm Slot Width: 23 / 26 mm Material: Aluminum Colors: Black/White/ Sliver		
2	Rail Size: 70 x 70 mm Slot Width: 23 / 26 mm Material: Aluminum Colors: Black/White/ Sliver		
3	Post Cover Size: 70x70mm Slot Width: 23 / 26 mm Material: Aluminum Colors: Black/White/ Sliver		
4	Post Cap Size: 74 x 74 x 15 mm Material: ABS Color: Black		

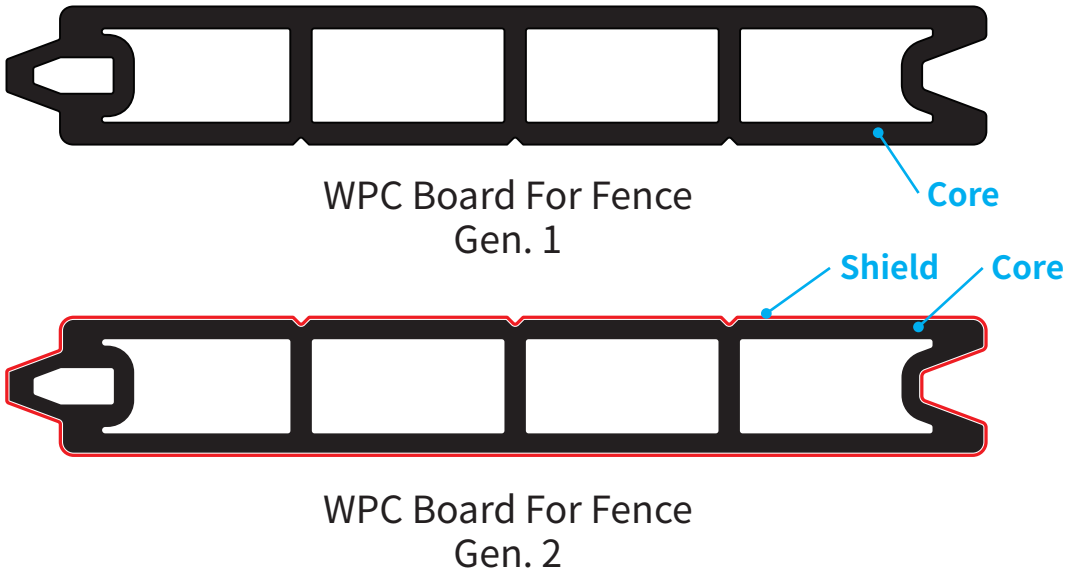
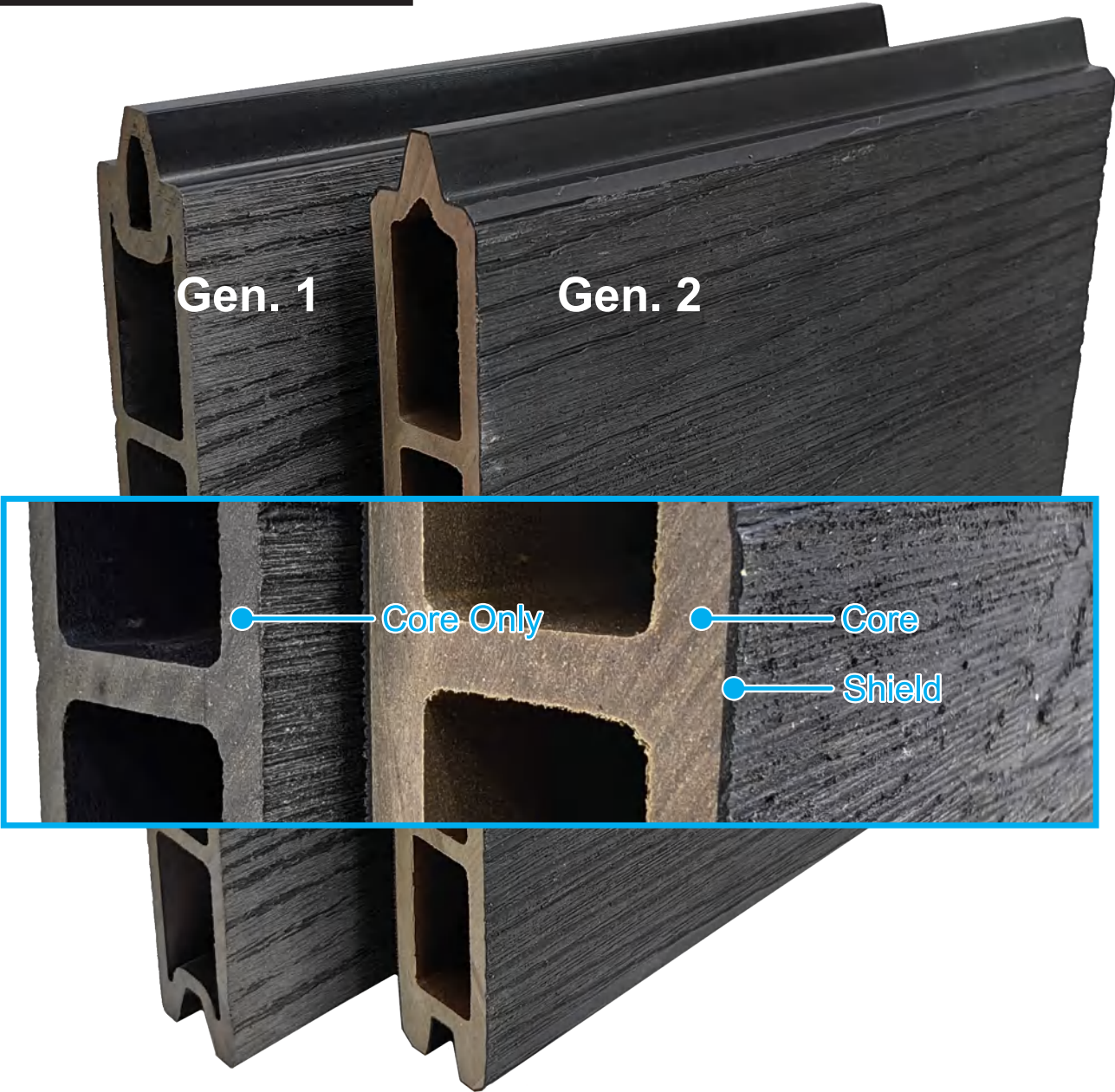
83 Series

Item	Part Name	Figure	Section
5	Post 83 Size: 83 x 83 mm Slot Width: 26 mm Material: Aluminum Colors: Black/White/Sliver		
6	Rail Size: 70 x 70 mm Slot Width: 26 mm Material: Aluminum Colors: Black/White/Sliver		
7	Post Cover Size: 70x70mm Slot Width: 26 mm Material: Aluminum Colors: Black/White/Sliver		
8	Post Cap Size: 87 x 87 x 20 mm Material: ABS / Stainless Steel With Powder Coating		

General Accessories

Item	Part Name	Figure	Section
9	Screen Module Materials: Aluminum Colors: Black/White/Sliver		
10	H Profile Materials: Aluminum Colors: Black/White/Sliver		
11	Corner Bracket Size: 40 x 40 x 3 mm Material: Aluminum Color: Raw Sliver		
12	Spacer Materials: Aluminum Color: Black/White/Sliver		
13	Side Spacer Materials: Aluminum Colors: Black/White/Sliver		
14	Iron Base Size: 160 x 110 x 500 mm Material: Steel With Powder Coating		
15	Anchor Bolt		
16	Self Drilling Tapping Screw		

Board Description



Dimensions & Section

Item	Size	Gen. 1		Gen. 2	
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17 90 X 22.5mm



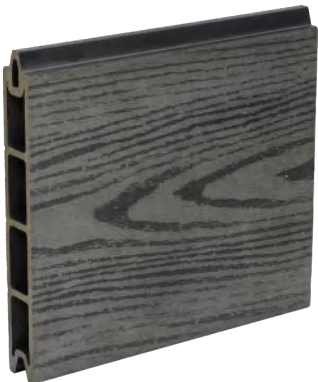
18 120 X 25.5mm



19 156 X 22.5mm



20 183 X 25.5mm



Colors Sample

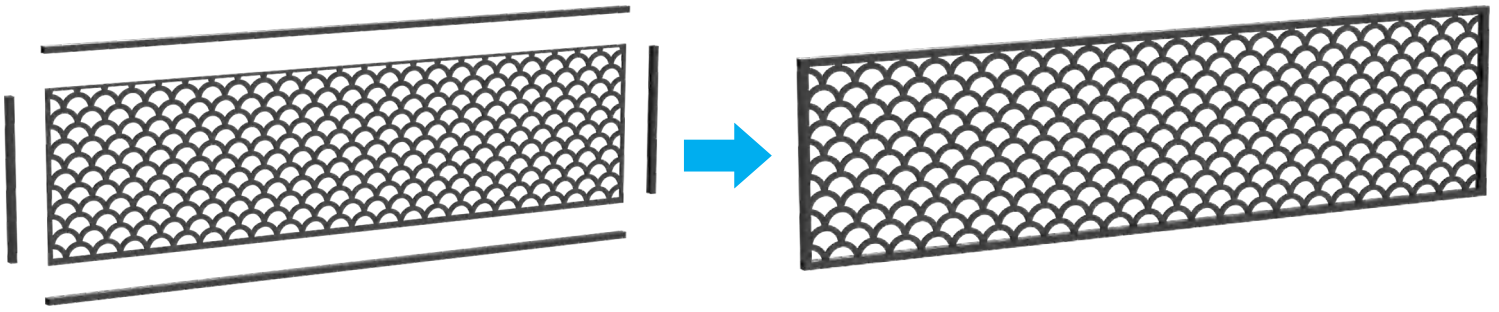
WPC Gen. 1



WPC Gen. 2



Screen Module



Screen module assemble by Aluminum Frame and Pattern Plate. This module only support 70/83 series fence, is easily to modify the privacy fence to half privacy style, and combine new styles with our othe fence.

Frame

Materials: Aluminum

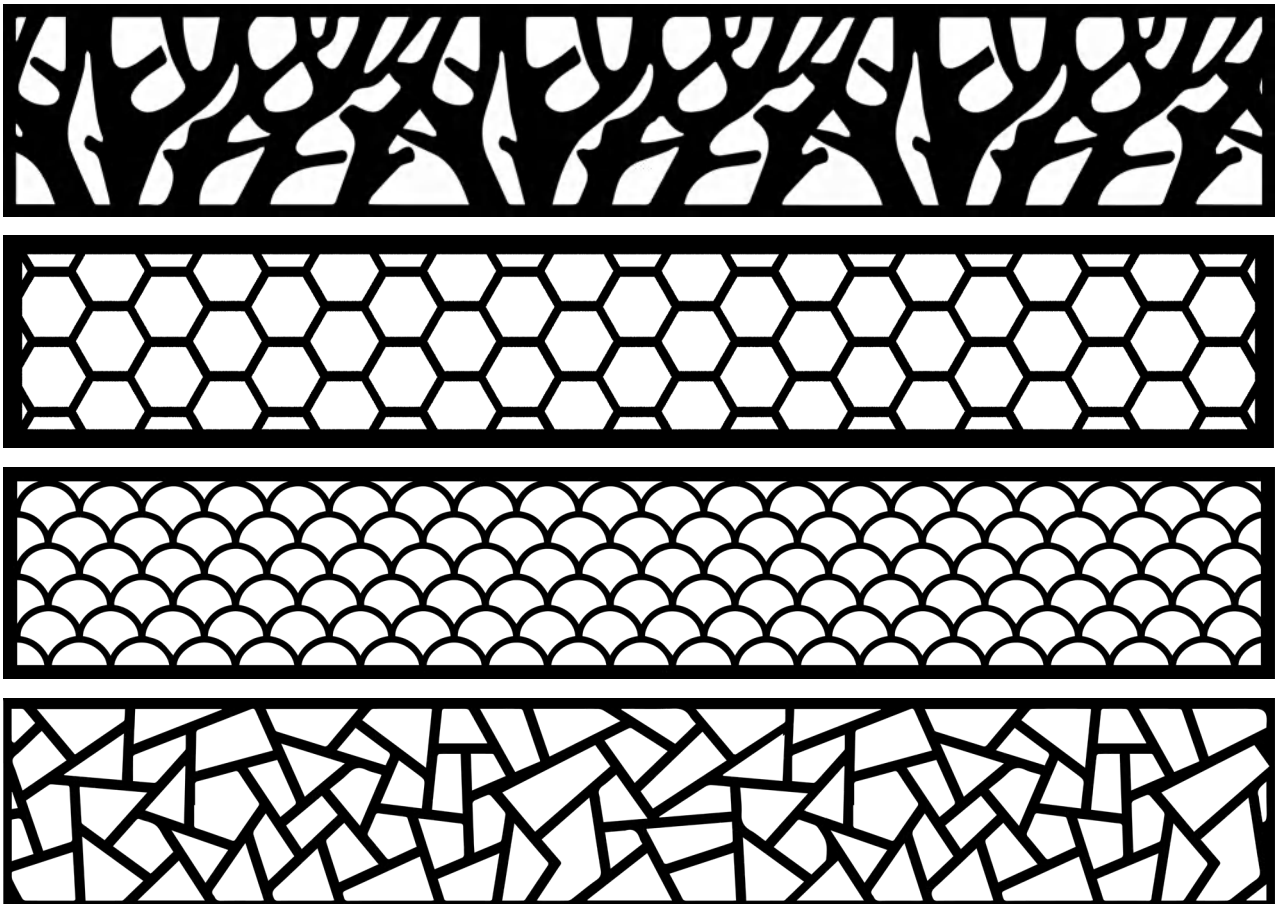
Colors: Black / White / Silver

Pattern Plate

Materials: Aluminum / Acrylic

Process: Hollow-carved with Aluminum/Acrylic, UV-printing only with Acrylic

Standard Pattern



70 Series Privacy Fence



Item	Part Name	Item	Part Name
1	Post 70	14	Iron Base
2	Rail	15	Anchor Bolts
3	Post Cover	16	Selft Drilling Tapping Screws
4	Post Cap	19	156 X 22.5mm WPC Board
11	Corner Bracket		

83 Series Privacy Fence



Item	Part Name	Item	Part Name
⑤	Post 83	⑭	Iron Base
⑥	Rail	⑮	Anchor Bolts
⑦	Post Cover	⑯	Selft Drilling Tapping Screws
⑧	Post Cap	⑳	183 X 25.5mm WPC Board
⑪	Corner Bracket		

Slat Fence 70 / 83 Series



70 Series

Item	Part Name	Item	Part Name
1	Post 70	13	Side Spacer
2	Rail	14	Iron Base
3	Post Cover	15	Anchor Bolts
4	Post Cap	16	Selft Drilling Tapping Screws
11	Corner Bracket	19	156 X 22.5mm WPC Board
12	Spacer		

83 Series

Item	Part Name	Item	Part Name
5	Post 83	13	Side Spacer
6	Rail	14	Iron Base
7	Post Cover	15	Anchor Bolts
8	Post Cap	16	Selft Drilling Tapping Screws
11	Corner Bracket	20	183 X 25.5mm WPC Board
12	Spacer		

Half Privacy Fence



70 Series

Item	Part Name	Item	Part Name
①	Post 70	⑬	Side Spacer
②	Rail	⑭	Iron Base
③	Post Cover	⑮	Anchor Bolts
④	Post Cap	⑯	Selft Drilling Tapping Screws
⑩	H Profile	⑰	90 X 22.5 WPC Board
⑪	Corner Bracket	⑲	156 X 22.5mm WPC Board
⑫	Spacer		

83 Series

Item	Part Name	Item	Part Name
⑤	Post 83	⑬	Side Spacer
⑥	Rail	⑭	Iron Base
⑦	Post Cover	⑮	Anchor Bolts
⑧	Post Cap	⑯	Selft Drilling Tapping Screws
⑩	H Profile	⑱	120 X 25.5mm WPC Board
⑪	Corner Bracket	⑳	183 X 25.5 WPC Board
⑫	Spacer		

Half Privacy Screen Fence



70 Series

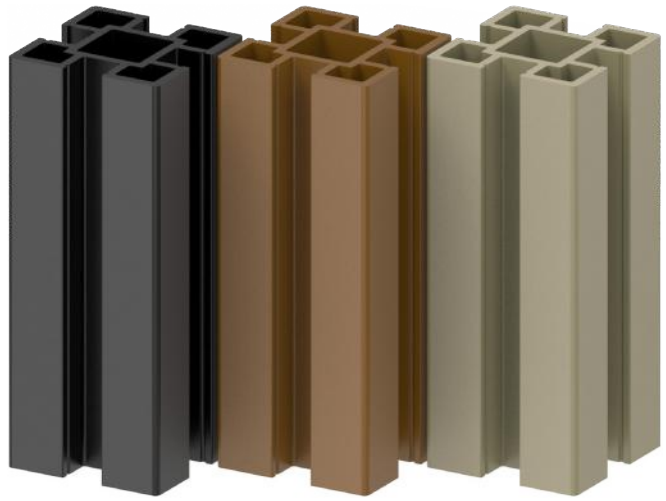
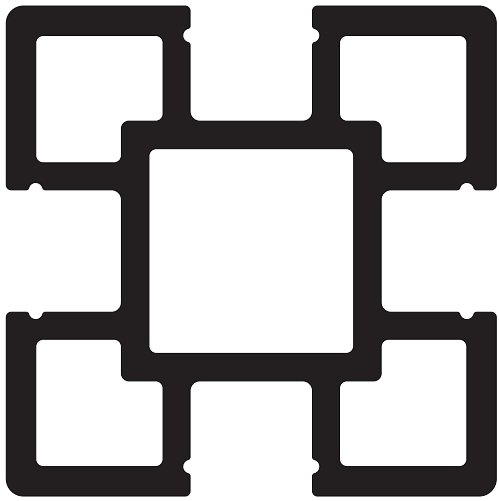
Item	Part Name	Item	Part Name
①	Post 70	⑪	Corner Bracket
②	Rail	⑭	Iron Base
③	Post Cover	⑮	Anchor Bolts
④	Post Cap	⑯	Selft Drilling Tapping Screws
⑨	Screen Module	⑲	156 X 22.5mm WPC Board
⑩	H Profile		

83 Series

Item	Part Name	Item	Part Name
⑤	Post 83	⑪	Corner Bracket
⑥	Rail	⑭	Iron Base
⑦	Post Cover	⑮	Anchor Bolts
⑧	Post Cap	⑯	Selft Drilling Tapping Screws
⑨	Screen Module	⑳	183 X 25.5mm WPC Board
⑩	H Profile		

Full WPC Fence





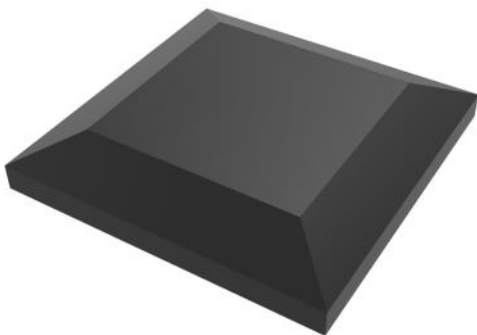
WPC Post (4 Slots) *Size: 100 x 100 mm*



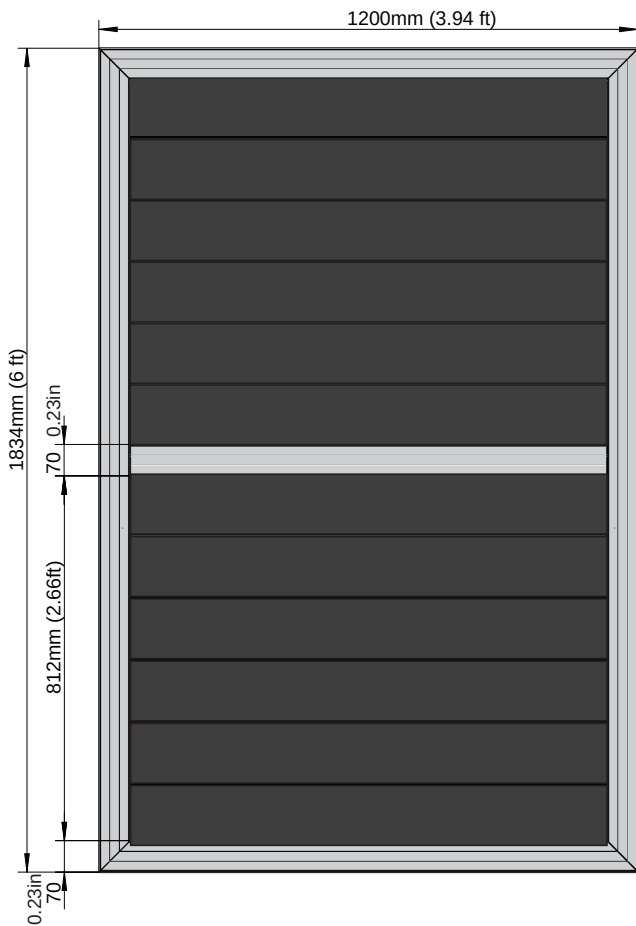
WPC Board (Gen. 1)
Size: 154x24mm



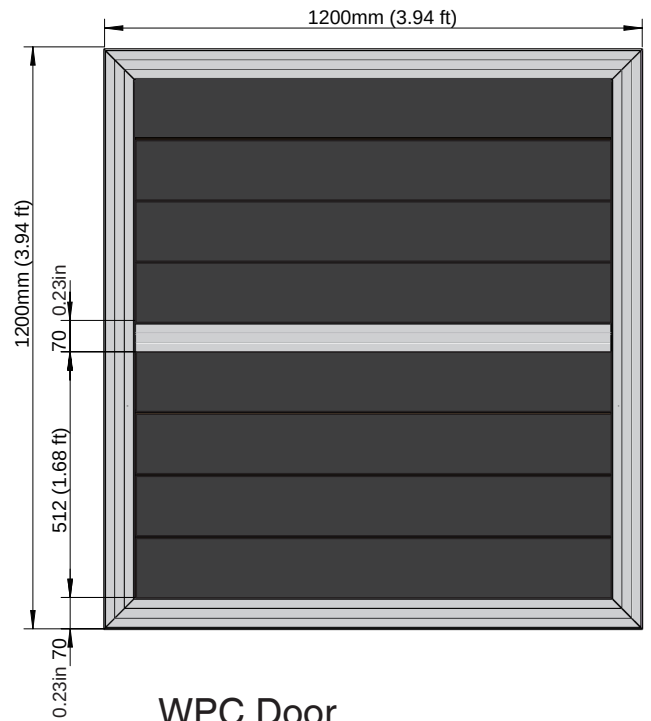
WPC Board (Gen. 2)
Size: 154x24mm



Post Cap (Solid WPC)



WPC Door
1200 x 1800mm (4 x 6 ft)

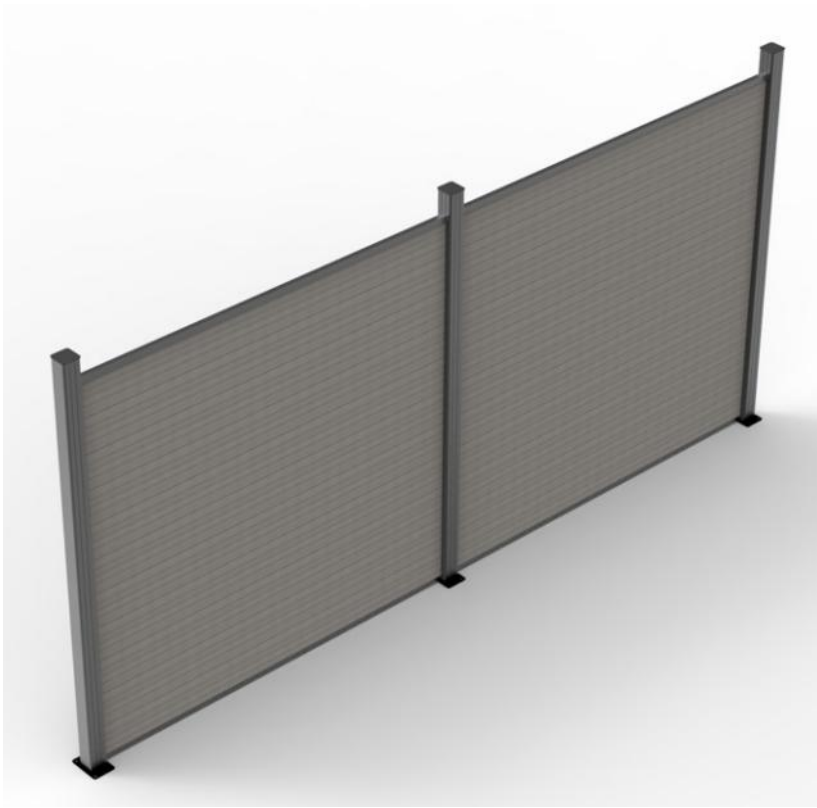


WPC Door
1200 x 1200mm (4 x 4 ft)



Lock (Left & Right)

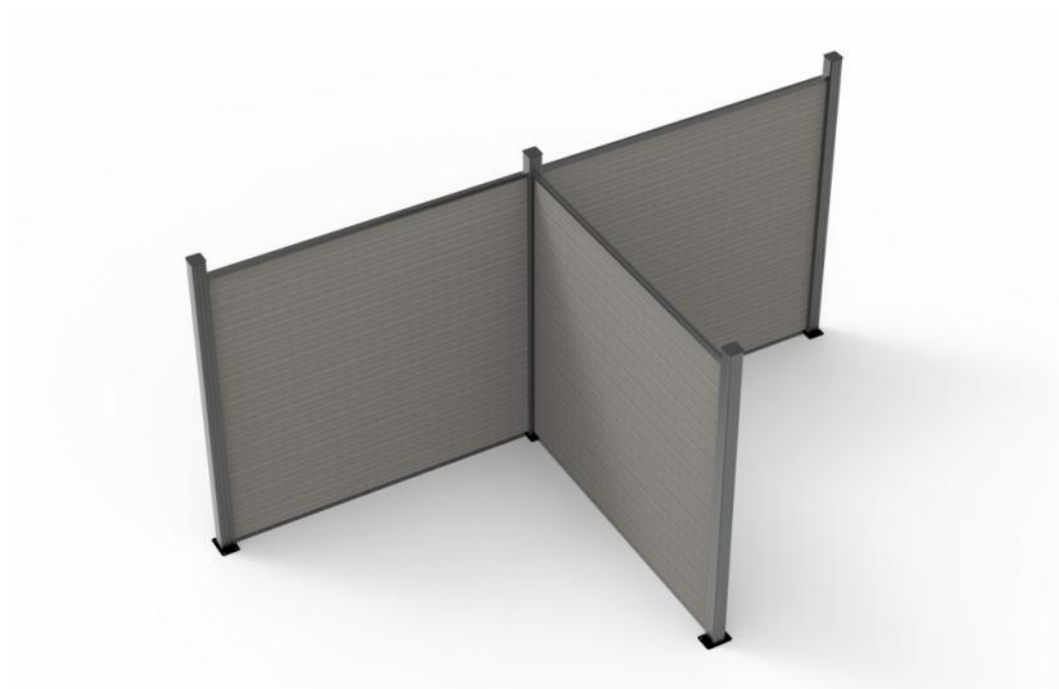
Flexible Combine



Linear Extende

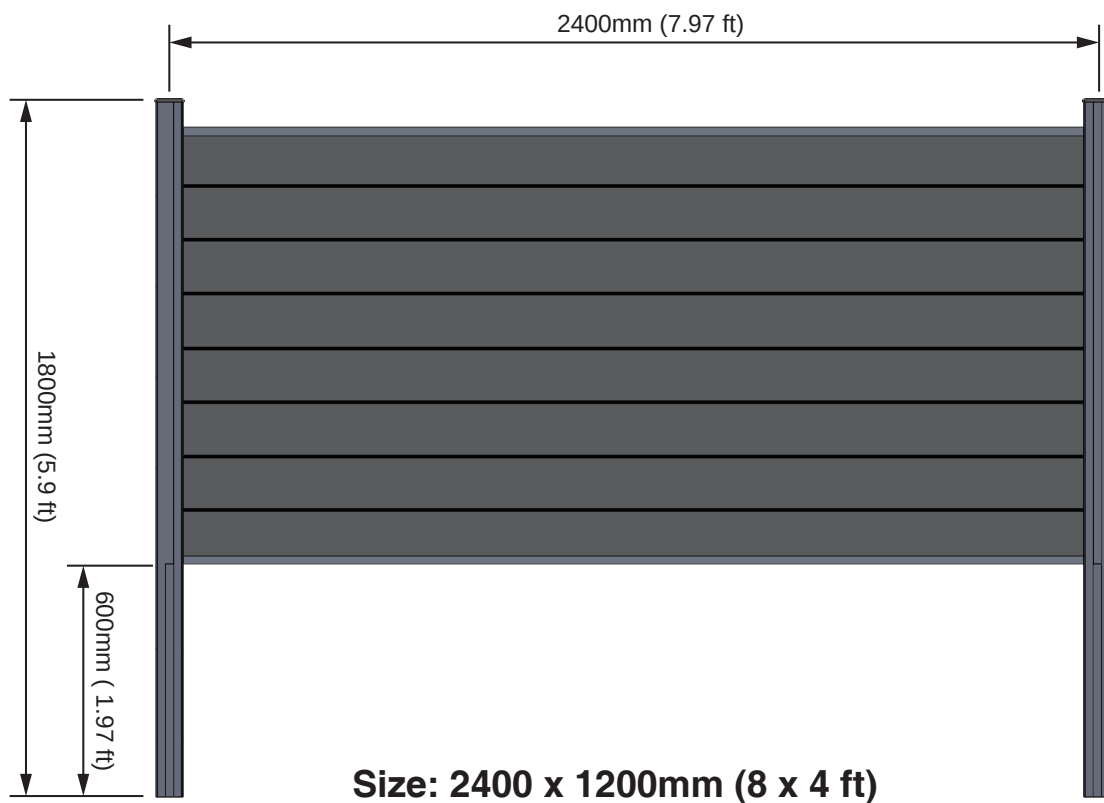
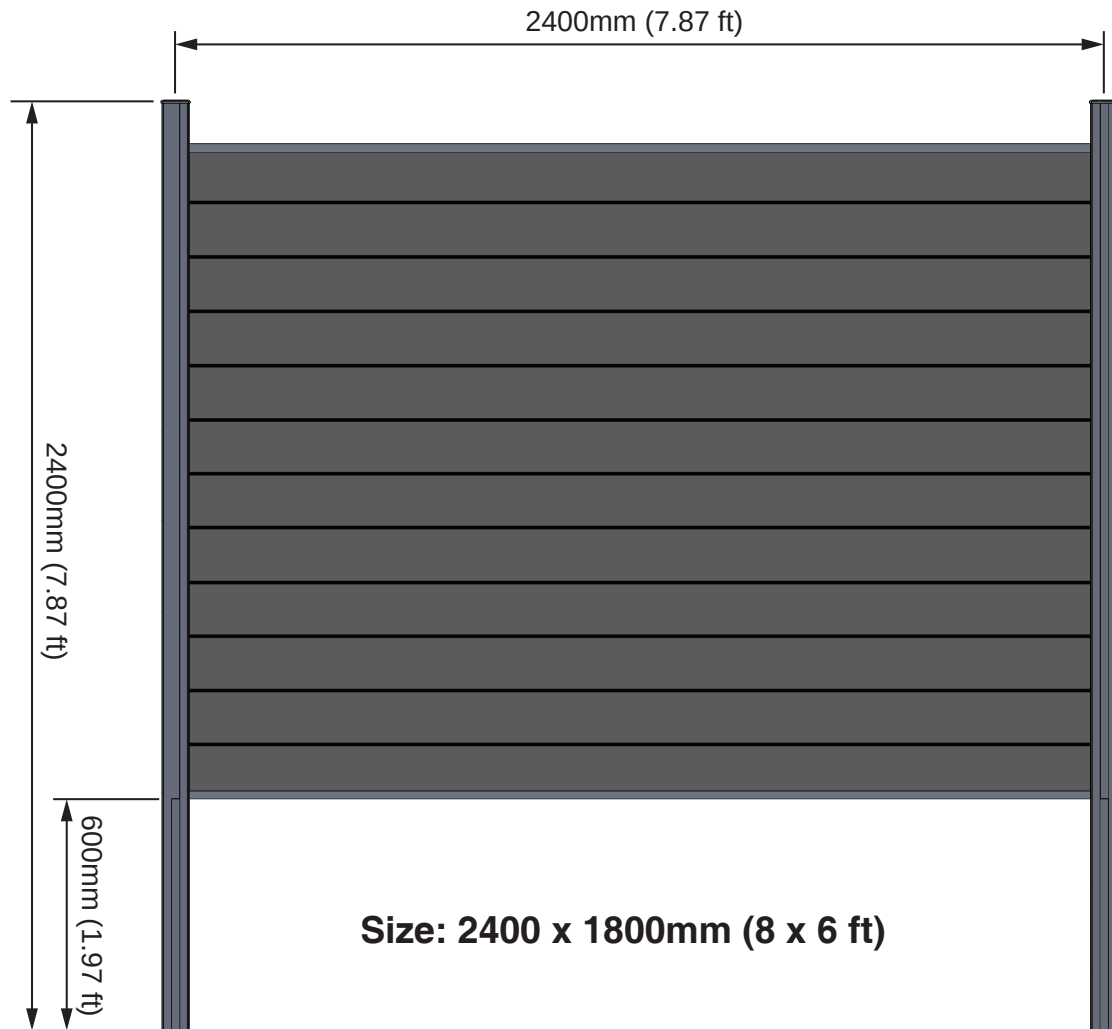


90 Degree

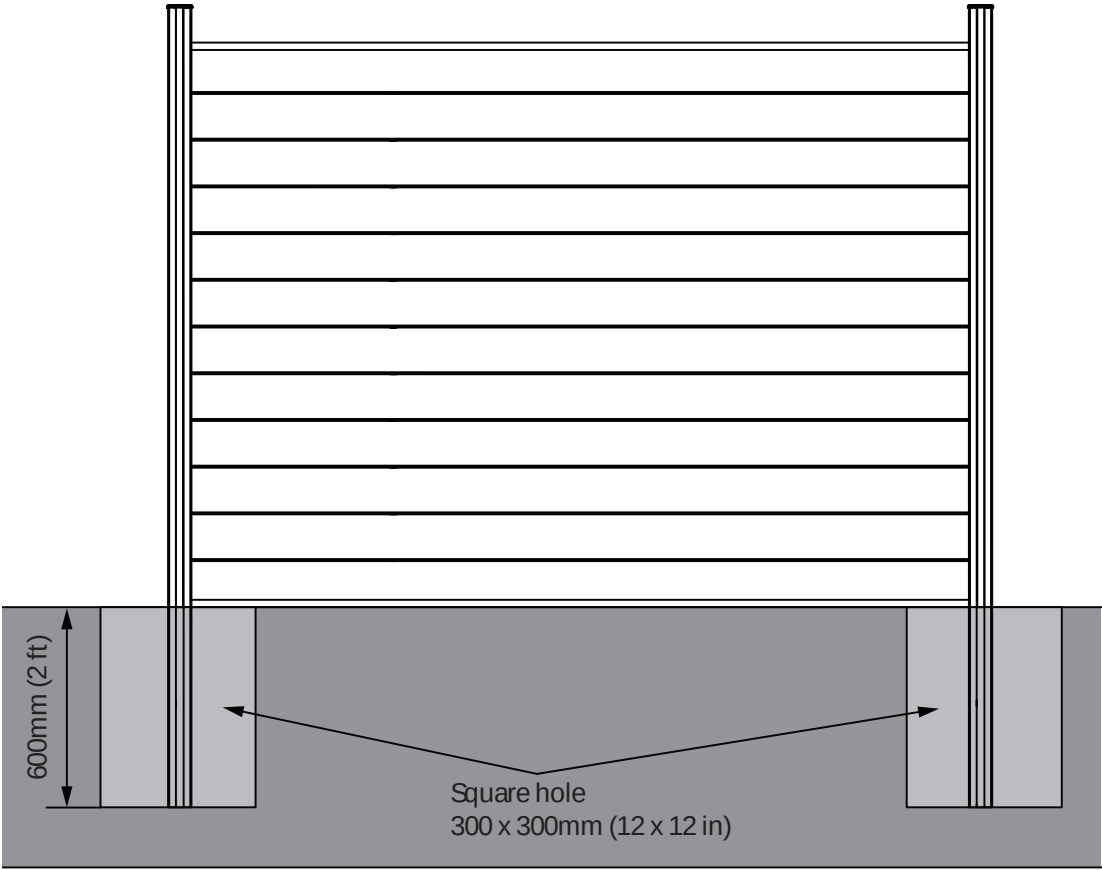


T-formation

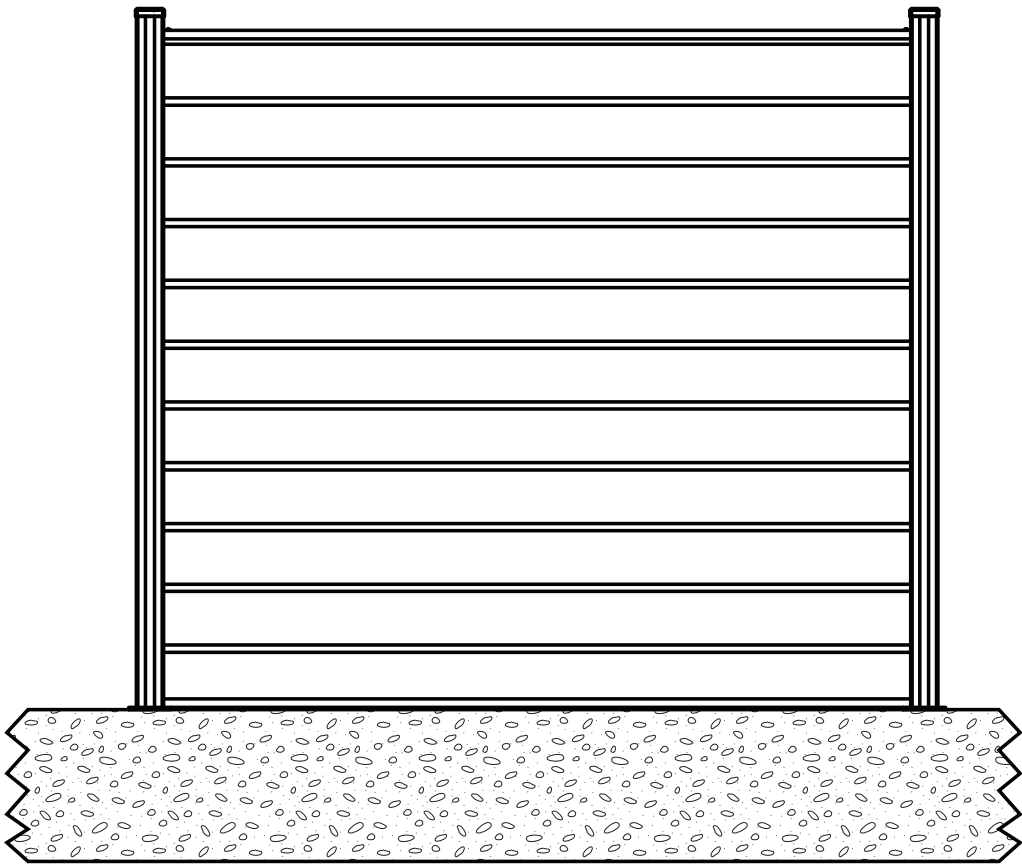
Specification



Installation



Build In Ground



Mount On Ground

Normal washing

Warm water and gentle brushing is often enough to clean away dust and debris. Normal household detergents can also be added to the water without damaging the WPC.

A pressure washer is recommended for a more thorough cleaning. A narrow jet spray is most effective. To avoid damaging the deck surface, the pressure should be in the mid range (not more than 80 bar), and the nozzle should be kept at least 35 cm from the boards. The temperature of the water should be not higher than 40 ° C. The deck should first be sprayed with a detergent solution, then gently brushed, and finally rinsed with the spray.

Materials and cleaning agents

Jet washing, warm water and detergent, and medium bristle brushes are the only materials and cleaning agents that should be used. A scourer (scrubbing sponge/ pad) should never be used as it will damage the WPC surface.

Oil and grease stains

Such spills should be removed and the surface cleaned as soon as possible (ideally within 3 hours) with warm water and detergent. Should a grease stain remain, a household degreasing agent may be used to remove it. The deck should be thoroughly rinsed after cleaning with warm water.