



www.alusions.com

THE LANDMARK
OFFICES



Easier to work with due to light weight



High level of physical properties and strength
to prevent cracking and damage



Dimensionally stable



Virtually no thermal expansion



Can be used as structural components



25 Year Warranty



COMPREHENSIVE WARRANTY



25 YEAR WARRANTY

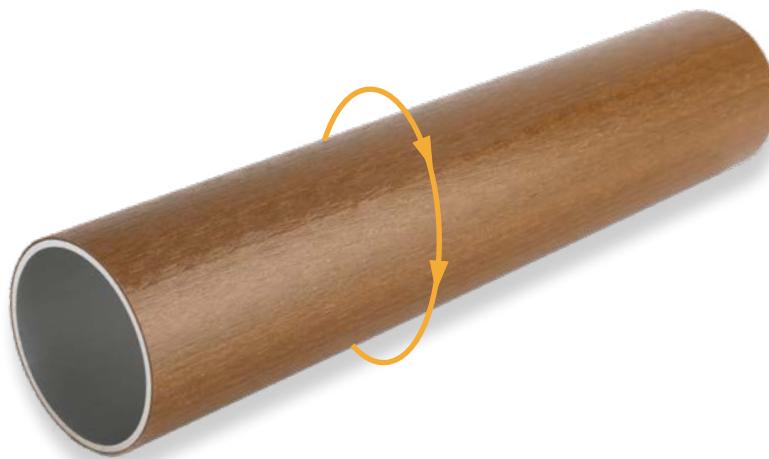
Backed by a 25 year limited transferable warranty



ULTRASHIELD TECHNOLOGY

UltraShield®

360° CAPPED
PROTECTIVE POLYMER LAYER



ALUMINUM
PRODUCTS



BUILT
TO LAST



STAY COOL
FEATURES



WEATHER
RESISTANCE

Alusions utilizes UltraShield technology to cap its aluminum profiles to give it the most protective outer layer on the market.

* All colors and patterns shown are for reference only.

UNIQUE DECOR



STRAIGHT

Alusions uses the Naturale brushing process to give the UltraShield capping its signature realistic wood look features and textures.

PALETTE



BUILT
TO LAST



COLOR STAY
TECHNOLOGY



NO
INSECTS



WEATHER
RESISTANCE



RED CEDAR



TEAK



IPE



ANTIQUE



SILVER GRAY



EBONY

- Note: Some colors might be limited to certain profiles or countries, please consult with your local distributor.



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ENDLESS POSSIBILITIES

Alusions can be installed in any type of indoor outdoor application to give the most realistic wood like aspect without any of the maintenance or worries of exposure to the elements.





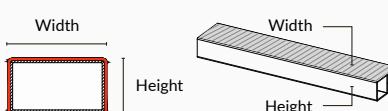
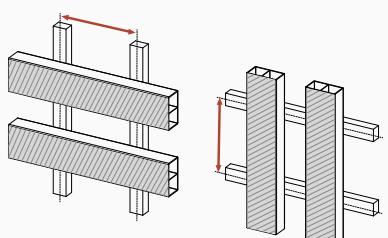
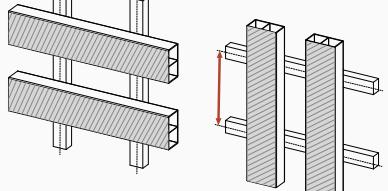
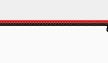
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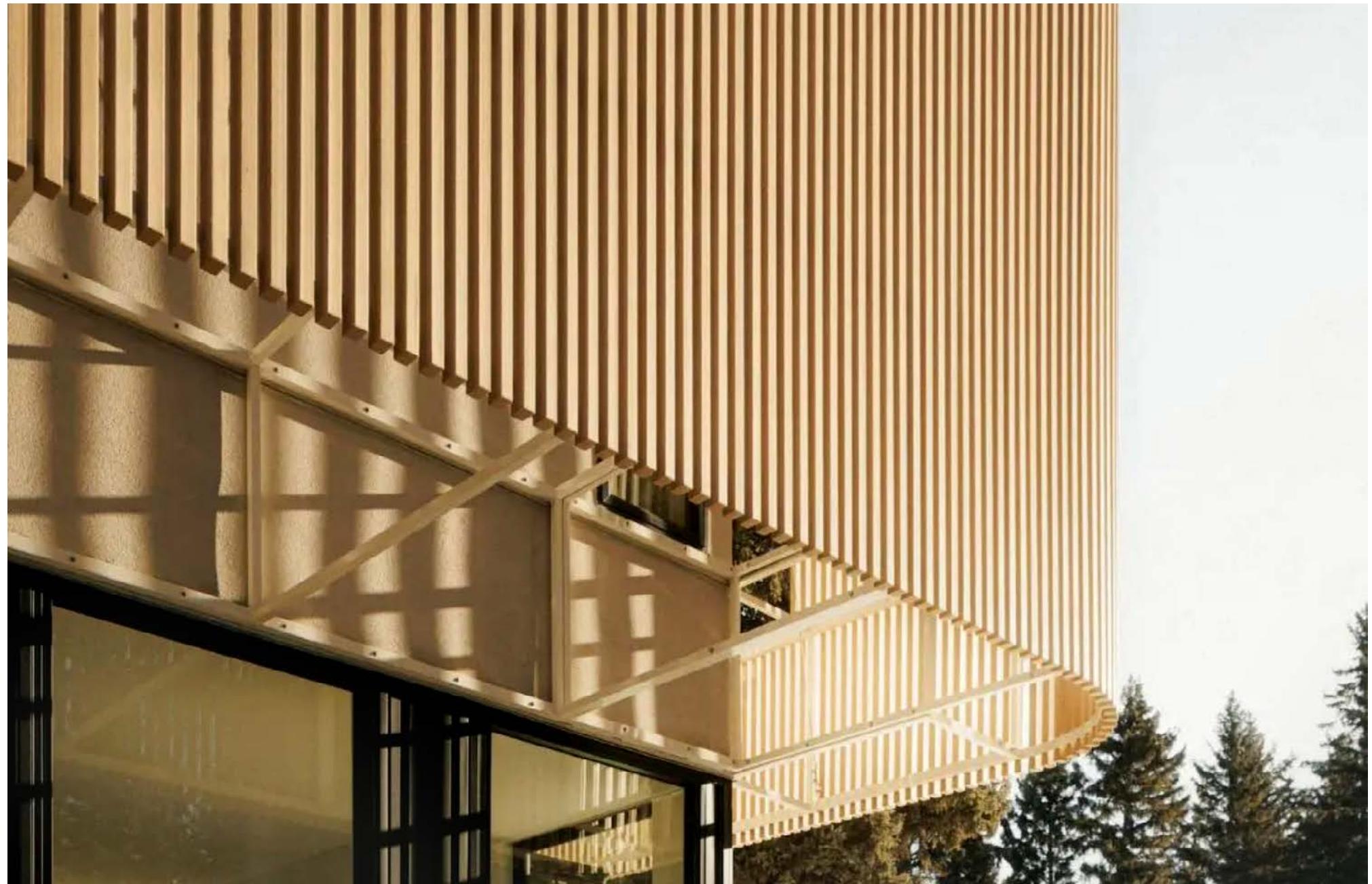
UMBRA

Louvers



Span value is determined refer to IBC 2015, the deflection value is limited to 1/120 of the length of the profile. The wind pressure is set based on the wind speed of 190 mph.

 Horizontal and Vertical Using Width (Center to Center)	Maximum Horizontal Span Based on the Width	Maximum Vertical Span Based on the Width	Maximum Horizontal Span Based on the Height	Maximum Vertical Span based on the Height	Width	Height	Weight	
	1500 mm	2000 mm	1500 mm	2500 mm	56.5 mm	32.5 mm	0.888 kg/lm	
	1500 mm	3000 mm	1500 mm	3000 mm	60 mm	42 mm	1.024 kg/lm	
	1000 mm	1000 mm	N/A	N/A	65.5 mm	17 mm	0.834 kg/lm	
	1500 mm	2000 mm	1500 mm	2000 mm	100 mm	25 mm	1.599 kg/lm	
	2000 mm	3000 mm	2000 mm	3000 mm	100 mm	52 mm	1.745 kg/lm	
	2000 mm	3000 mm	2000 mm	3000 mm	120 mm	62mm	2.109 kg/lm	
	1000 mm	1000 mm	1000 mm	1000 mm	138 mm	16.5 mm	1.922 kg/lm	
	2000 mm	2500 mm	2000 mm	2500 mm	151 mm	41 mm	2.14 kg/lm	
	2000 mm	3000 mm	2000 mm	3000 mm	151 mm	81 mm	2.73 kg/lm	



The most authentic look of wood without any maintenance or worry of exposure to the elements.

Finishing Plate



Palette

Red Cedar



Teak



IPE



Antique



Silver Gray



Ebony



Installation Materials & Tools

① Clear off the debris

② Apply the Structural Adhesive along the edge of the End Cover



Recommended:

3M™ Scotch-Weld™ Low Odor Acrylic Adhesive Model: DP8805NS Green

③ Put the end cover against the profile's opening and apply a minimum of 1 kg pressure.
Then, fix it with masking tape for 8 minutes to cure.

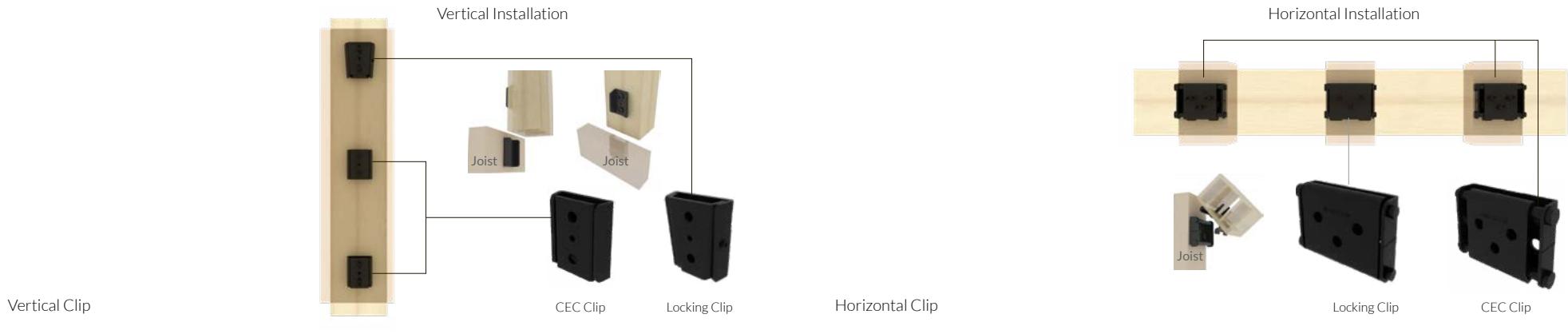


Installation Effect





Alusions can be installed in any type of indoor outdoor application to give the most realistic wood like aspect without any of the maintenance or worries of exposure to the elements.





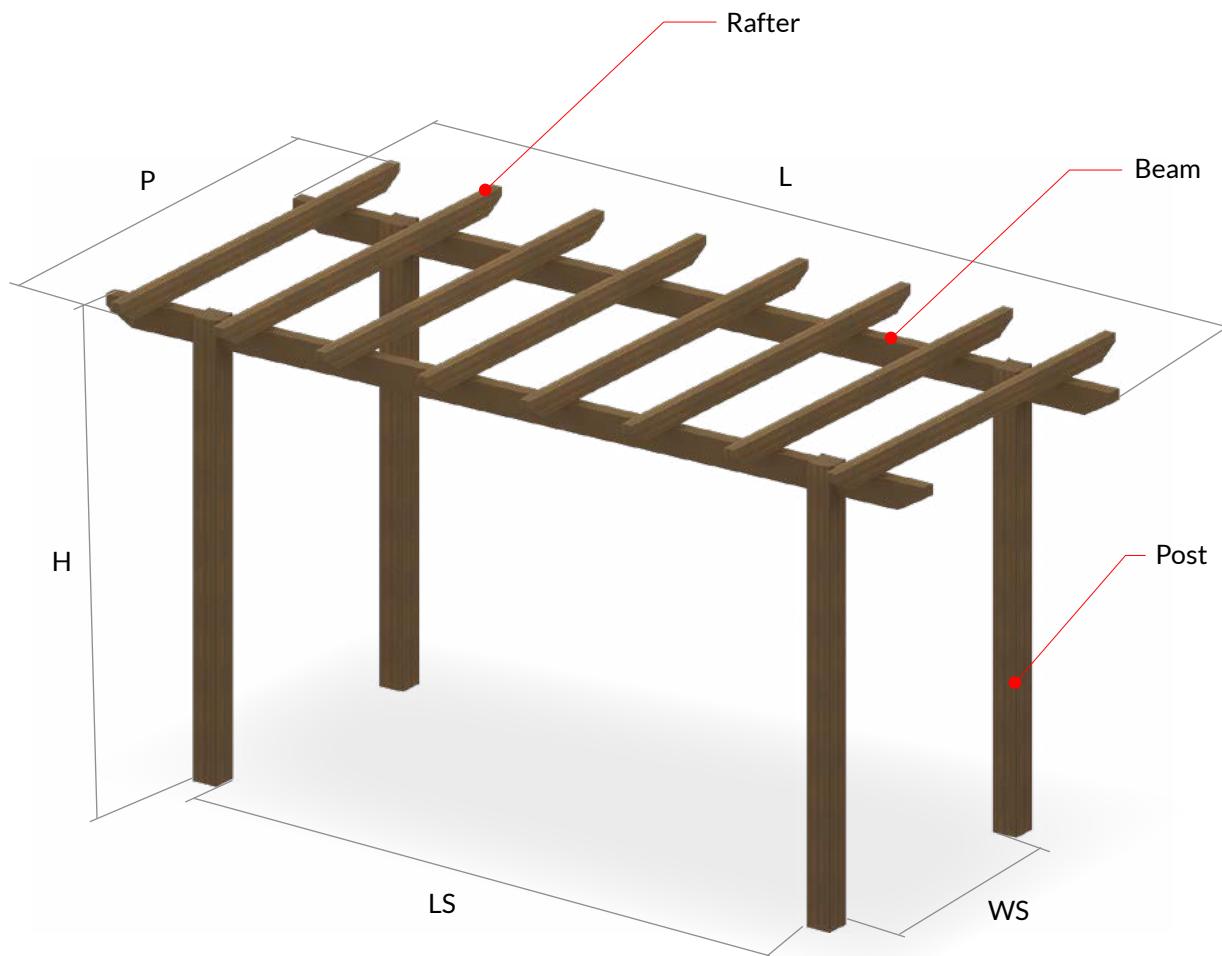


COPA

Pergola

Real wood looks that will last for years.

SPECIFICATION



SIZES AVAILABLE

Model Number	Diagram	Length (L)	Projection (P)	Length Post Span (LS)	Width Post Span (WS)	Height (H)	Post Kit/Qty	Beam Kit/Qty	Rafter Kit/Qty
PGA04-100808		3050mm	2440mm	1688mm	1486mm	2440mm	P1/4sets	B1/1set	R1/5sets
PGA04-101008		3050mm	3050mm	1688mm	2096mm	2440mm	P1/4sets	B1/1set	R2/5sets
PGA04-120808		3660mm	2440mm	2298mm	1486mm	2440mm	P1/4sets	B2/1set	R1/6sets
PGA04-121008		3660mm	3050mm	2298mm	2096mm	2440mm	P1/4sets	B2/1set	R2/6sets
PGA04-121208		3660mm	3660mm	2298mm	2706mm	2440mm	P1/4sets	B2/1set	R3/6sets
PGA04-140808		4270mm	2440mm	2908mm	1486mm	2440mm	P1/4sets	B3/1set	R1/7sets
PGA04-141008		4270mm	3050mm	2908mm	2096mm	2440mm	P1/4sets	B3/1set	R2/7sets
PGA04-141208		4270mm	3660mm	2908mm	2706mm	2440mm	P1/4sets	B3/1set	R3/7sets
PGA04-141408		4270mm	4270mm	2908mm	3316mm	2440mm	P1/4sets	B3/1set	R4/7sets
PGA04-160808		4880mm	2440mm	3518mm	1486mm	2440mm	P1/4sets	B4/1set	R1/8sets
PGA04-161008		4880mm	3050mm	3518mm	2096mm	2440mm	P1/4sets	B4/1set	R2/8sets
PGA04-161208		4880mm	3660mm	3518mm	2706mm	2440mm	P1/4sets	B4/1set	R3/8sets
PGA04-161408		4880mm	4270mm	3518mm	3316mm	2440mm	P1/4sets	B4/1set	R4/8sets

The most authentic look of wood without any maintenance or worry of exposure to the elements.

Beam



3050mm / 3660mm / 4270mm / 4880mm

Rafter



2440mm / 3050mm / 3660mm / 4270mm

Self Drilling Screw



Self Drilling Screw



Bracket



Post



2440mm

Post Mont



Post End Cover



Machine Screw



Self Drilling Screw



Nut & Washers



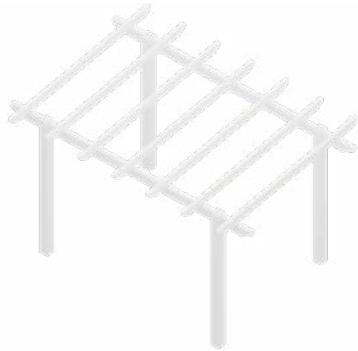
Thread Rod



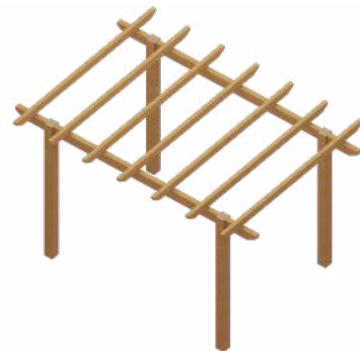
Hex Head Bolt



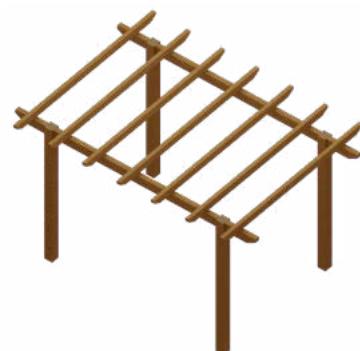
The most authentic look of wood without any maintenance or worry of exposure to the elements.



PURE WHITE



RED CEDAR



TEAK



WALNUT



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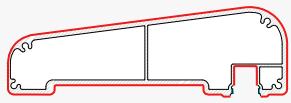
VISU

Railing

The most authentic look of wood without any maintenance or worry of exposure to the elements.



The most authentic look of wood without any maintenance or worry of exposure to the elements.

Width	Height	Weight	
66 mm	66 mm	3.411 kg/lm	
Ø 62 mm		1.195 kg/lm	
78 mm	40 mm	1.861 kg/lm	
150 mm	47 mm	2.853 kg/lm	



The most authentic look of wood without any maintenance or worry of exposure to the elements.

Post Skirt & Post Mounting Base



Post



Handrail



Handrail provided in the length of 1400mm for cutting

Glass Bracket



Railing Hardware Kit



Stair Handrail

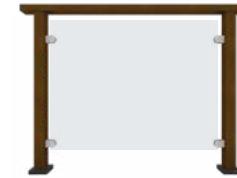


Handrail provided in the length of 1600mm for cutting

Color Options



TEAK



IPE

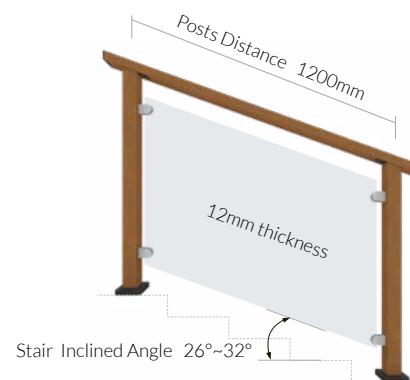
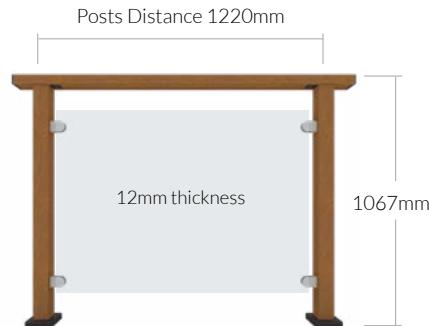


SILVER GRAY



EBONY

Specification





BALUSTER RAILING AND ACCESSORIES

The most authentic look of wood without any maintenance or worry of exposure to the elements.

Post Skirt & Post Mounting Base



Top Rail



Post



Bottom Rail



Wall Mounting Bracket



Railing Hardware Kit



Bottom Rail Support



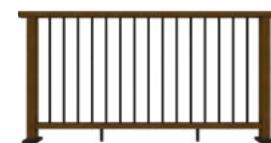
Baluster



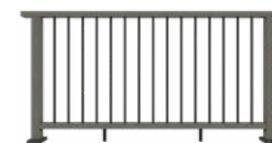
Color Options



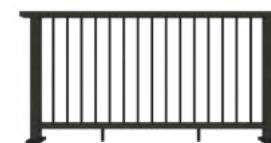
TEAK



IPE

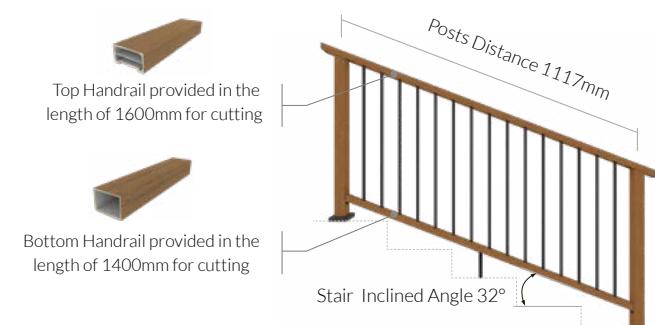


SILVER GRAY



EBONY

Specification





The most authentic look of wood without any maintenance or worry of exposure to the elements.

