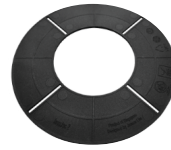


Insu[®] Jac Series



Insu@Jac is a lightweight, adjustable pedestal system for raising floors and decking up to 1,500 mm. It supports various materials and is fire-resistant for rooftops, terraces, and indoor use.



Insu@Jac 2



Insu@Jac 10

Insu@Jac 2 & 10 are base and shim pieces for low-height floor adjustments, allowing stacking from 10 to 46 mm.

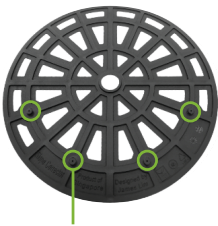
APPLICATIONS:

- Raised floors and decking
- Rooftops and terraces
- Heavy-duty surfaces

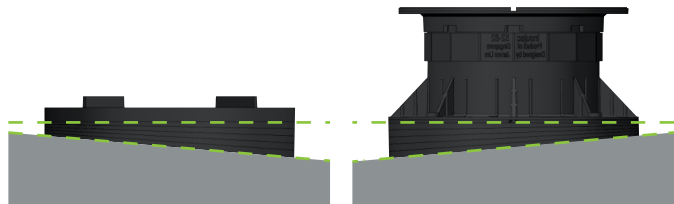
BENEFITS:

- Strong, lightweight, fire-resistant
- Adjustable up to 1,500 mm
- Supports various decking

Insu[®] Slope Corrector



Tongue & groove interlock with Insu@Jac system base



Insu@Jac 10 on a 5° slope

Insu@Jac 82-102 on a 5° slope

Insu@Jac slope corrector is a wedge piece graded 1° per unit, stackable up to 7° to level timber or stone decking. Bases stack onto it via a tongue-and-groove design.

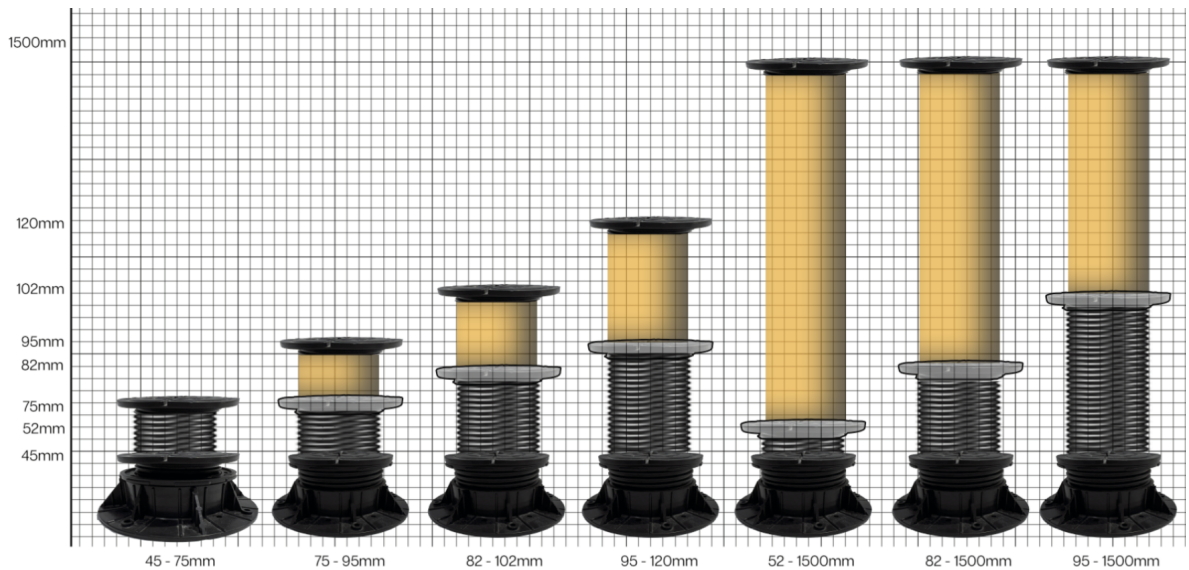
Legend:



adjustable height



pipe extender



Accessories



Wood Holder



Stone Spacer



4.5mm thk Pipe Extender

Fire resistant version available. Please contact us for more information.

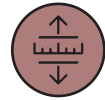


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Tech Specs	UOM	Insu@Jac 10	Insu@Jac 45-75	Insu@Jac 75-95	Insu@Jac 82-102
SEC Green Label		Yes	Yes	Yes	Yes
SGBC Green Product		✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓
Material		100% Recycled PP	100% Recycled PP	100% Recycled PP	100% Recycled PP
Colour		Black	Black	Black	Black
Height	mm	10 to 46	45 to 75	75 to 95	82 to 102
Compressive Load*	kg/unit	1,000 to 1,450	3,000 to 13,500	3,000 to 8,000	3,000 to 7,000

*Varies with different model and height configuration.

SEC - Singapore Environment Council

SGBC - Singapore Green Building Council

Tech Specs	UOM	Insu@Jac 95-120	Insu@Jac 52-1500	Insu@Jac 82-1500	Insu@Jac 95-1500
SEC Green Label		Yes	Yes	Yes	Yes
SGBC Green Product		✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓
Material		100% Recycled PP	100% Recycled PP	100% Recycled PP	100% Recycled PP
Colour		Black	Black	Black	Black
Height	mm	95 to 120	52 to 1500	82 to 1500	95 to 1500
Compressive Load*	kg/unit	3,000 to 7,000	3,000 to 7,000	3,000 to 7,000	3,000 to 7,000

*Varies with different model and height configuration.

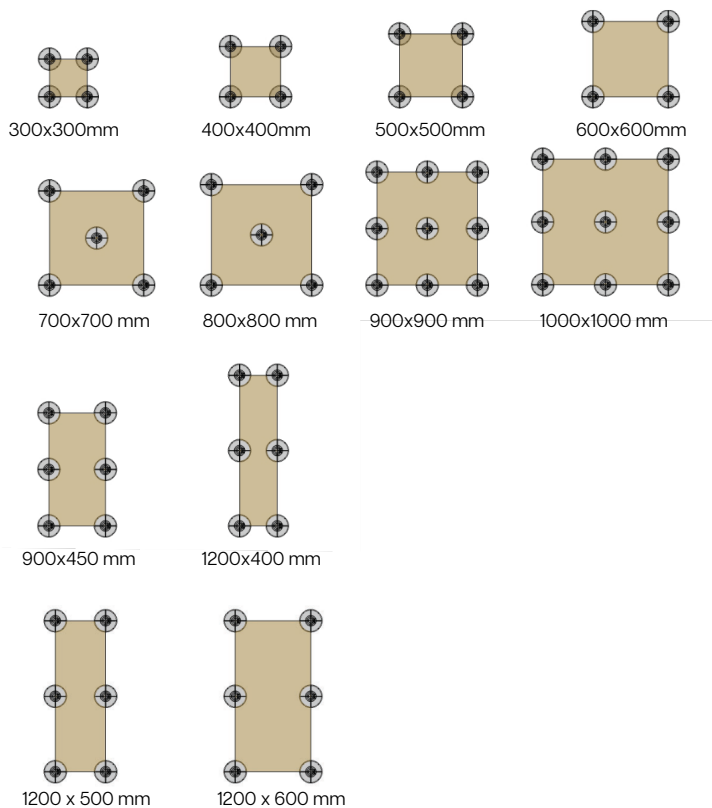
SEC - Singapore Environment Council

SGBC - Singapore Green Building Council

Pipe Extender Length Calculation

Insu@Jac Model	Example	Formula
Insu@Jac 52 - 1500 (Set E)	For example, if you require pedestal height to be 500mm	Required pedestal height minus 7mm 500mm - 7mm = 493mm Then your required pipe extender length will be 493mm
Insu@Jac 82 - 1500 (Set F)	For example, if you require pedestal height to be 500mm	Required pedestal height minus 52mm 500mm - 52mm = 448mm Then your required pipe extender length will be 448mm
Insu@Jac 95 - 1500 (Set C)	For example, if you require pedestal height to be 500mm	Required pedestal height minus 60mm 500mm - 60mm = 440mm Then your required pipe extender length will be 440mm

Suggested Pedestal Layout: Pavers

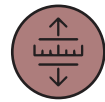


Paver Format (mm)	Quantity per m ² (pcs)
300x300	12.6
400x400	7.4
500x500	4.7
600x600	3.7
750x750	4.3
800x800	4.1
900x900	5.6
1000x1000	4.7
900x450	5.7
1200x300	6.7
1200x400	5.2
1200x600	3.7

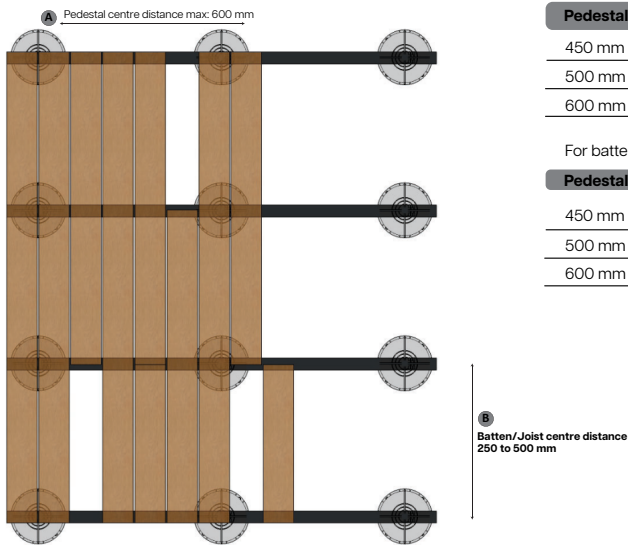
Remarks:

1. Pedestal quantity m² is an average based on 25m², 50m² and 100m² sample areas.
2. The estimates are for reference purposes only. Final quantity may vary based on actual site configuration.
3. Pedestal configuration and spacing must adhere to the tile setter's recommendation due to the paver's material composition, size, and thickness.

Fire resistant version available. Please contact us for more information.



Suggested Pedestal Layout: Battens/Joists



For batten/joist spacing (B): 250mm c/c

Pedestal Spacing (A)	Quantity per m ²
450 mm c/c	9.9
500 mm c/c	9.1
600 mm c/c	8.2

For batten/joist spacing (B): 400mm c/c

Pedestal Spacing (A)	Quantity per m ²
450 mm c/c	6.4
500 mm c/c	5.8
600 mm c/c	5.3

For batten/joist spacing (B): 300mm c/c

Pedestal Spacing (A)	Quantity per m ²
450 mm c/c	8.4
500 mm c/c	7.6
600 mm c/c	7.0

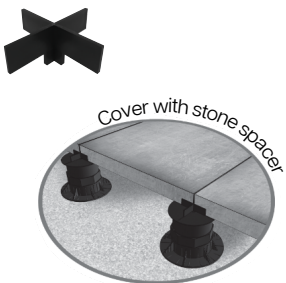
For batten/joist spacing (B): 500mm c/c

Pedestal Spacing (A)	Quantity per m ²
450 mm c/c	5.1
500 mm c/c	4.7
600 mm c/c	4.2

Remarks:

1. Pedestal quantity m² is an average based on 25m², 50m² and 100m² sample areas.
2. The estimates are for reference purposes only. Final quantity may vary based on actual site configuration.
3. Pedestal configuration and spacing must adhere to the deck installer's recommendation due to the deck's material composition, size, and thickness.

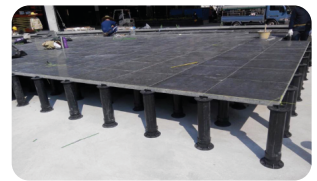
Insu@Jac Application using Stone Spacer



1) Setting out pre-assembled Insu@Jac pedestals



2) Utilising Pipe Extender to achieve raised levels of 95mm to 1500mm



3) Installing granite slabs



4) Checking completed floor levels



5) Testing the system by filling the fountain with water



6) Insu@Jac submerged in water

Insu@Jac Application using Wood Holder



1) Setting out pre-assembled Insu@Jac pedestals



2) Align pedestals with wood battens and Insu@Jac Wood Holder



3) Mark raised floor level



4) Secure wood battens onto Insu@Jac Wood Holder using screws



5) Installation of bamboo decking



6) Insu@Jac pedestal level raising system below bamboo decking

Fire resistant version available. Please contact us for more information.