



ADJUSTABLE
■ PEDESTAL SYSTEMS

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■ ADVANTAGES

Pedestal systems, often used in construction and architecture, offer several advantages in various applications, especially for raised flooring, decking, and rooftop installations.

Some of the key advantages of pedestal systems include:



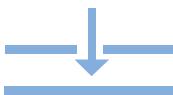
1. Leveling:

Pedestal systems allow for precise leveling of surfaces, even on uneven or sloped substrates, ensuring a flat and stable final product.



2. Drainage:

They provide excellent drainage solutions, preventing water accumulation on rooftop decks and outdoor terraces, which can help prevent damage and increase safety.



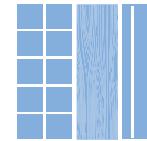
3. Accessibility:

The space beneath raised surfaces created by pedestal systems allows for the installation of utilities such as electrical wiring, plumbing, and irrigation systems while also providing easy access for maintenance and repairs.



4. Quick Installation:

Pedestal systems are relatively easy and quick to install compared to traditional construction methods. Reducing labour costs and construction time.



5. Versatility:

These systems are versatile and can accommodate a variety of materials including tiles, pavers, wood or composite decking, making them suitable for different design preferences.



6. Sustainability:

Many pedestal systems are made from eco-friendly and recyclable materials, contributing to sustainable building practices.



7. Thermal Insulation:

The space between the pedestal and the surface material can provide some degree of thermal insulation, helping regulate the temperature of the area.



8. Weight Distribution:

Pedestal systems distribute the weight of the surface material evenly, reducing point loads and the risk of damage to the substrate.



9. Aesthetics:

Pedestal systems allow for a clean, elevated appearance for outdoor spaces, improving the overall aesthetics of the area.



10. Reduced Maintenance:

With proper design and materials, pedestal systems can lead to reduced maintenance requirements, saving time and costs over the long term.

These advantages make pedestal systems a practical and popular choice for various applications, including rooftop gardens, terraces, balconies, outdoor patios, and raised flooring in commercial and industrial settings. The specific benefits may vary depending on the type of pedestal system and the materials used, so it's essential to select the right system for your particular project needs.

■ APPLICATIONS



RAISED ACCESS FLOORING FOR PLUMBING & ELECTRICAL



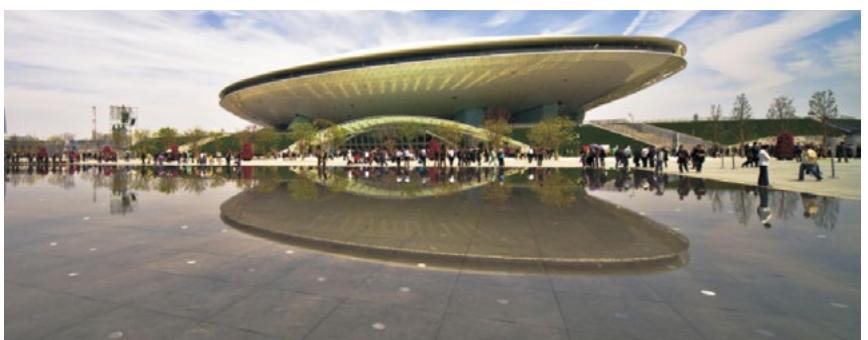
INTERIOR/EXTERIOR TRANSITIONS



DECKING



TERRACES & BALCONIES



WATER FEATURES



TEMPORARY FLOORING



GAZEBOS



POOL DECKS



WOOD DECKS



PATHWAYS



RESTAURANT PATIOS



ROOFTOP DECKS

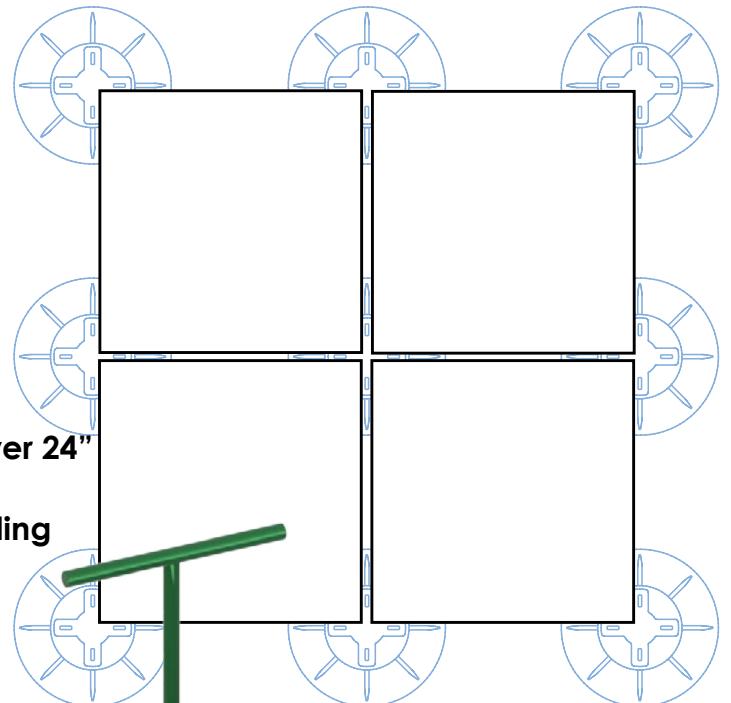


GARDENS

■ PEDESTAL SYSTEMS

- Easy to install
- Each pedestal supports over 2000 lbs
- Progressive height increment
- 1% - 5% slope correction
- Locking rings ensure rigid assembly
- Bracing systems for stability on heights over 24"
- Resistant to water, mold and thermal cycling
- Easily removed and reused

BALANCED SUPPORT



PRO SERIES

SELF-LEVELING

WOOD JOIST

ALUMINUM JOIST

STEEL PEDESTAL



■ PRO SERIES PEDESTALS

Emmon Pro Series adjustable plastic pedestal are a support system for outdoor raised floor applications with any kind of material: timber decking, wpc decking, stone, ceramic, composite material, metal, etc.
Can be placed on any stable substrate.

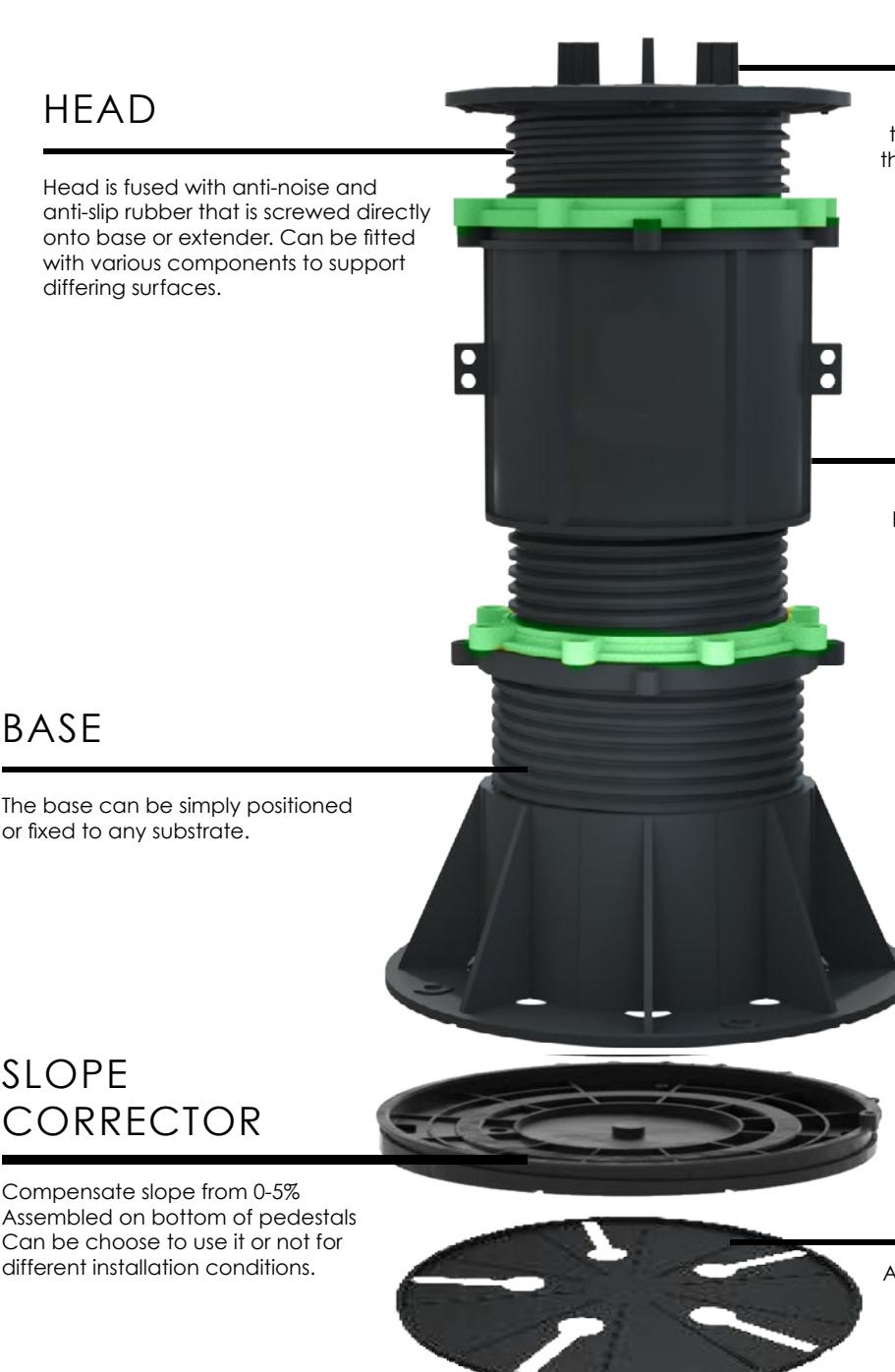


 LIGHT COMMERCIAL LOAD CAPACITY

 PROGRESSIVE HEIGHT INCREMENT

 SLOPE CORRECTOR ADD ON AVAILABLE

PRO SERIES MODULAR COMPONENTS



TAB

the head can be fitted with spacer tabs for use with tile or a joist cradle that holds wooden or aluminum joists



160mm Extender



40mm Extender Pad



15mm Extender Pad



Tile Spacer Tab



Pro Wood Joist Tab



Aluminum Joist Tab for
Pro Pedestal



Wood Clip Spacer Tab



Base Slope Corrector



Rubber Base



Big Fix Colar



EPDM Rubber Shim



Connecting Rods
for pedestal spacing of
2 ft or more



500-750mm
340-500mm

475mm - 635mm

315mm - 475mm

180mm - 315mm

95mm - 185mm

60mm - 95mm



EN - CO - A EN - CO - B EN - CO - C EN - CO - D EN - CO - E
EN - CO - E + EXTENDER EN - CO - E + EXTENDER x2 EN - CO - E + EXTENDER x3

LIGHT COMMERCIAL LOAD CAPACITY

HEIGHT RANGE

■ PRO SERIES PEDESTAL

PARTS LIST

PRODUCT CODE	HEIGHT RANGE mm/inches	PICTURE	PART	PART PICTURE	PACKAGE	CARTON SIZE		WEIGHT/CTN	
						cm	kg	cm	kg
EN-C0-A	20-29mm (0.79"-1.14")		3mm* spacer tab		30 pcs/ctn	39 x 38 x 21 cm	6.1kg	95-185mm (3.74"-7.28")	
			A-base		30 pcs/ctn				
EN-C0-B	29-42mm (1.14"-1.65")		3mm* spacer tab		30 pcs/ctn	55 x 38 x 21 cm	8.5kg	180-315mm (7.09"-12.40")	
			B-base		30 pcs/ctn				
EN-C0-C	42-60mm (1.65"-2.36")		3mm* spacer tab		30 pcs/ctn	41 x 38 x 38 cm	10kg	160mm Extender	
			C-base		30 pcs/ctn				
EN-C0-D	60-95mm (2.36"-3.74")		3mm* spacer tab		30 pcs/ctn	60 x 38 x 38 cm	13kg	160MM EXTENDER	
			D-base		30 pcs/ctn				

PRODUCT CODE	HEIGHT RANGE mm/inches	PICTURE	PART	PART PICTURE	PACKAGE	CARTON SIZE		WEIGHT/CTN	
						cm	kg	cm	kg
EN-C0-E	95-185mm (3.74"-7.28")		3mm* spacer tab		30 pcs/ctn	58 x 51 x 38 cm	17.2kg	EN-C0-E box 58 x 51 x 38 cm + EXTENDER box 66 x 36 x 28 cm	17.2kg + 10.3kg = 27.5kg total
			E-base		30 pcs/ctn				
EN-C0-E +EXTENDER	180-315mm (7.09"-12.40")		3mm* spacer tab		30 pcs/ctn	160mm Extender	30 pcs/ctn	160MM EXTENDER	
			E-base		30 pcs/ctn				
3961	160mm		Pro Wood Joist Tab		1 pc/ctn	66 x 36 x 28 cm	10.3kg		
3941			Aluminum Joist Tab for Pro Pedestal		1 pc/ctn				
-			Wood Clip Spacer Tab (special order)		1 pc/ctn				

*spacer tabs: additional available sizes by special order (8-10 weeks)
2mm/4mm/5mm/8mm/10mm

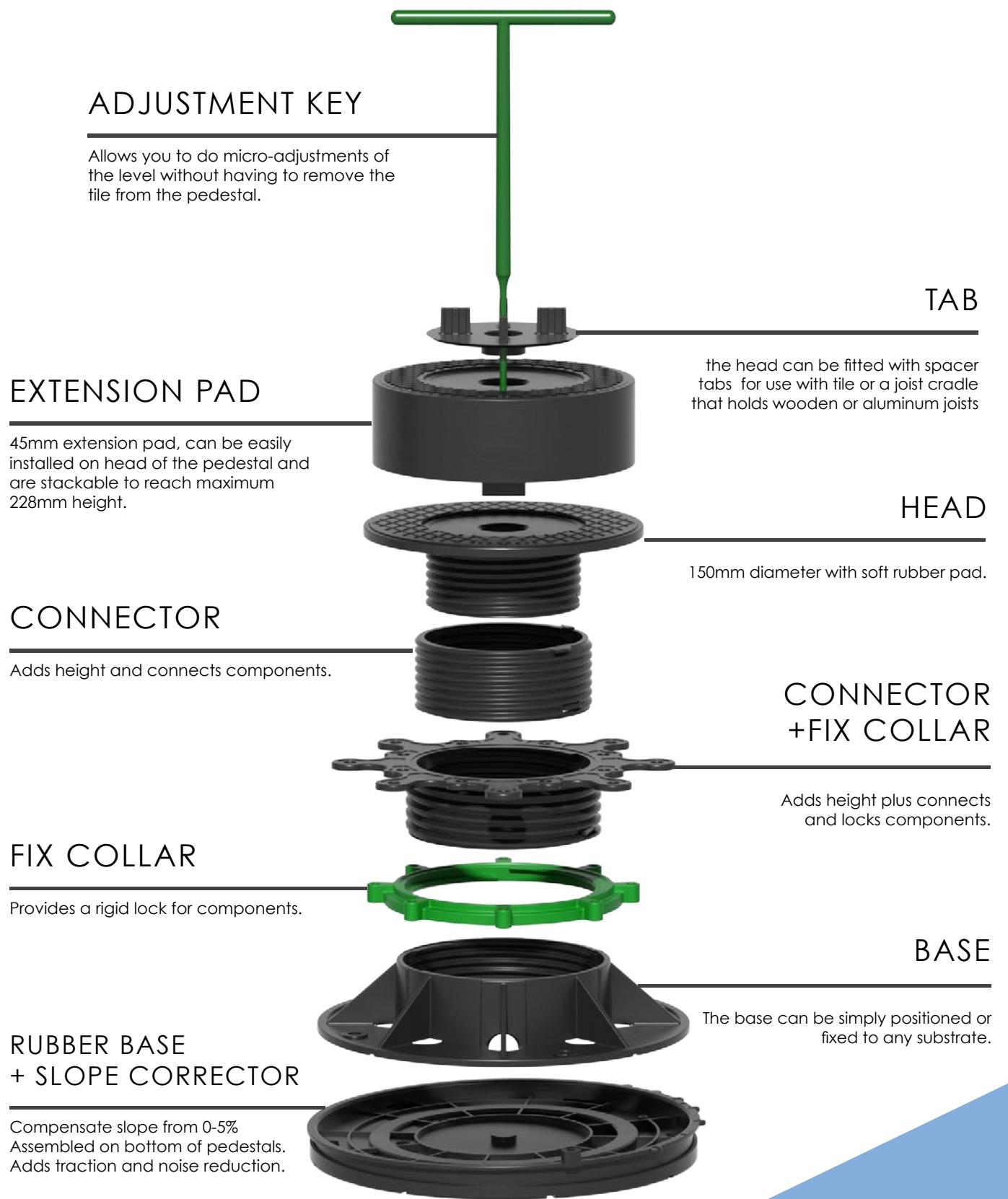
*spacer tabs: additional available sizes by special order (8-10 weeks)
2mm/4mm/5mm/8mm/10mm

■ PROJECT X PEDESTALS

High-performance adjustable pedestals engineered for residential patios, rooftops, balconies, and walkways. With a loading capacity of over 1,500 lbs, they provide a stable, durable, and long-lasting foundation for outdoor porcelain pavers.



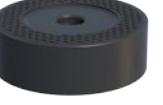
PROJECT X PEDESTAL MODULAR COMPONENTS



HEIGHT RANGE

■ PROJECT X PEDESTAL

PARTS LIST

PRODUCT CODE	HEIGHT RANGE mm/inches	PICTURE	PART	PART PICTURE	PACKAGE
EN-X-1	29-49mm (1.14"-1.93")		3mm* spacer tab		30 pcs/ctn
			X1-base		30 pcs/ctn
EN-X-2	49-138mm (1.93"-5.43")		3mm* spacer tab		30 pcs/ctn
			X2-base		30 pcs/ctn
EN-X-3	135-340mm (5.31"-13.39")		3mm* spacer tab		30 pcs/ctn
			X3-base		30 pcs/ctn
45MM EXTENDER PAD	45mm		Extender Pad		48 pc/ctn
Adjustment Key			Adjustment Key		1 pc/ctn

*spacer tabs: additional available sizes by special order (8-10 weeks) / 2mm/4mm/5mm



■ SELF LEVELING PEDESTALS

Enmon Self-Leveling Pedestals provide the most flexible means of creating a floating floor system on balconies and roof decks. The heads incorporate a gimbal mechanism which allows a rotational tilt of up to 5%. This can compensate for falls in the subgrade.



SLOPE CORRECTION

Un-even or sloped surfaces can be compensated with the use of self leveling heads.

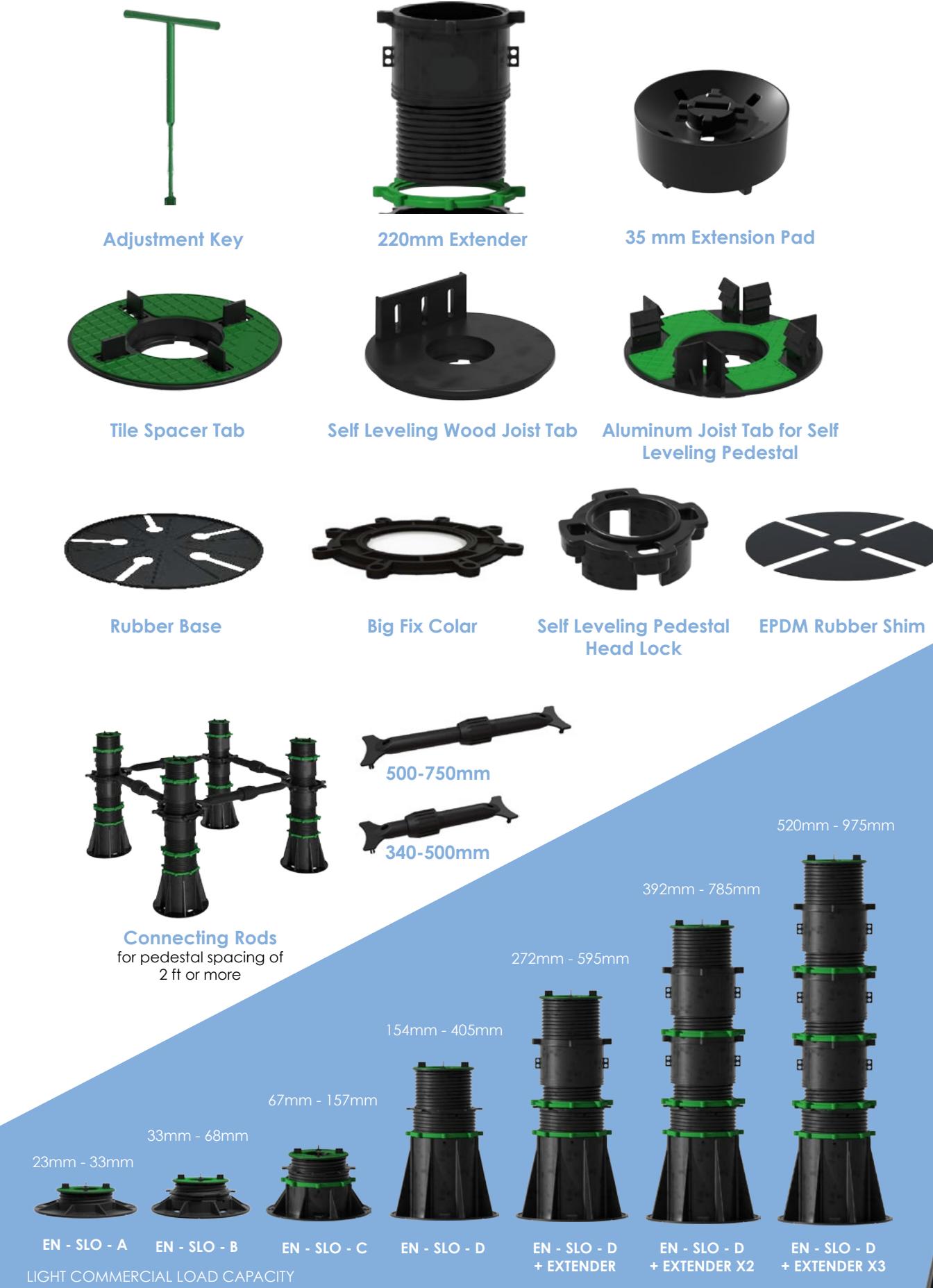


 LIGHT COMMERCIAL LOAD CAPACITY

 HEIGHT INCREMENT

 BUILT-IN SLOPE CORRECTOR

SELF LEVELING PEDESTAL MODULAR COMPONENTS



■ SELF LEVELING PEDESTAL

PARTS LIST

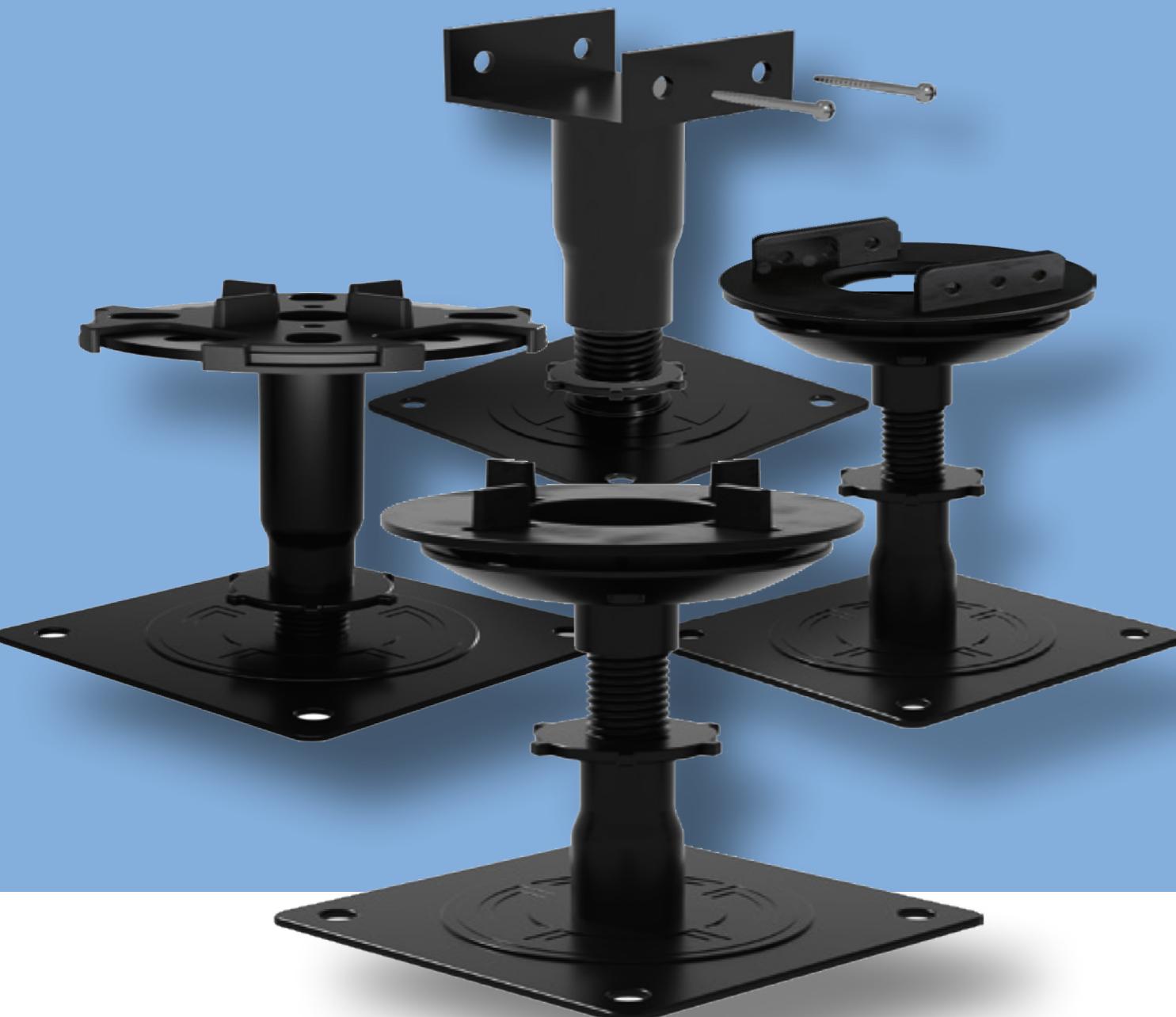
PRODUCT CODE	HEIGHT RANGE mm/inches	PICTURE	PART	PART PICTURE	PACKAGE	CARTON SIZE		WEIGHT/CTN	
						cm	kg	cm	kg
EN-SLO-A	23-33mm (0.9"-1.3")		self-leveling head + 4mm* spacer tab		30 pcs/ctn	48 x 38 x 21 cm	5.5kg		
			A-base		30 pcs/ctn				
EN-SLO-B	33-68mm (1.3"-2.68")		self-leveling head + 4mm* spacer tab		30 pcs/ctn	58 x 38 x 21 cm	8.2kg		
			B-base		30 pcs/ctn				
EN-SLO-C	67-157mm (2.64"-6.18")		self-leveling head + 4mm* spacer tab		30 pcs/ctn	61 x 38 x 38 cm	12.4kg		
			C-base		30 pcs/ctn				
EN-SLO-D	154-405mm (6.06"-15.95")		self-leveling head + 4mm* spacer tab		15 pcs/ctn	65 x 38 x 38 cm	14.5kg		
			D-base		15 pcs/ctn				

*spacer tabs: 5mm size available by special order (8-10 weeks)

PRODUCT CODE	HEIGHT RANGE mm/inches	PICTURE	PART	PART PICTURE	PACKAGE	CARTON SIZE		WEIGHT/CTN	
						cm	kg	cm	kg
EN-SLO-D +EXTENDER	272-595mm (10.71"-23.43")		self-leveling head + 4mm* spacer tab		15 pcs/ctn	EN-SLO-D Box 65 x 38 x 38 cm	14.5kg		
			220mm Extender		30 pcs/ctn				
			D-base		15 pcs/ctn				
220MM EXTENDER	220mm (8.7")				30 pcs/ctn	66 x 48 x 27 cm	14.5kg		
			ADJUSTMENT KEY		1 pcs/ctn				
3963			Self Leveling Wood Joist Tab		1 pcs/ctn				
3942			Aluminum Joist Tab for Self Leveling Pedestal		1 pcs/ctn				
3964			Self Leveling Pedestal Head Lock		1 pcs/ctn				

*spacer tabs: 5mm size available by special order (8-10 weeks)

STEEL NON-COMBUSTIBLE PEDESTALS



A1/A2 fire rating.



Withstands weight of up to 5 tons.



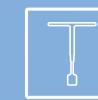
Self-leveling head for slopes from 0 - 5%



Completely assembled product.



Coated with protective layer.



Height adjustment key for self leveling.



Fix collar lock.



NON-COMBUSTIBLE



HEIGHT INCREMENT



**OVER 10,000 LBS
WEIGHT CAPACITY**

FIXED STEEL PEDESTAL MODULAR COMPONENTS



Fixed Head for Tile



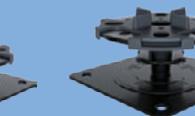
Fixed Head for Joist



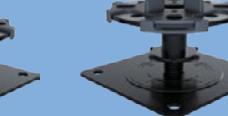
Base



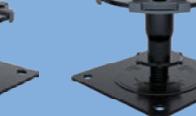
26mm - 33mm



32mm - 44mm



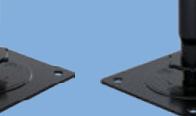
42mm - 63mm



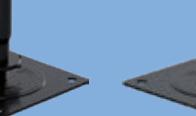
62mm - 100mm



92mm - 160mm



152mm - 270mm



262mm - 490mm

HEIGHT RANGE

■ STEEL PEDESTAL

PARTS LIST

WITH STEEL SPACER TAB / 2mm / 3.5mm /5mm

PRODUCT CODE	HEIGHT RANGE mm	PICTURE	DESCRIPTION	PACKAGE	CARTON SIZE cm	WEIGHT/CTN kg
EN-SP-01	26-33mm		EN-SP-01 with aluminum spacer tab	30 pcs/ctn	32 x 32 x 17	14.32
EN-SP-02	32-44mm		EN-SP-02 with aluminum spacer tab	30 pcs/ctn	32 x 32 x 20	15.4
EN-SP-03	42-63mm		EN-SP-03 with aluminum spacer tab	30 pcs/ctn	32 x 32 x 23	15.8
EN-SP-04	62-100mm		EN-SP-04 with aluminum spacer tab	30 pcs/ctn	32 x 32 x 32	18.64
EN-SP-05	92-160mm		EN-SP-05 with aluminum spacer tab	30 pcs/ctn	32 x 32 x 44	22.24
EN-SP-06	152-270mm		EN-SP-06 with aluminum spacer tab	30 pcs/ctn	32 x 32 x 52	23.14
EN-SP-07	262-490mm		EN-SP-07 with aluminum spacer tab	30 pcs/ctn	32 x 32 x 57	23.41

■ STEEL PEDESTAL

PARTS LIST

WITH JOIST CRADLE

PRODUCT CODE	HEIGHT RANGE mm	PICTURE	DESCRIPTION	PACKAGE	CARTON SIZE cm	WEIGHT/CTN kg
EN-SPJ-01	26-33mm		EN-SPJ-01 with joist cradle	30 pcs/ctn	32 x 32 x 20	11.9
EN-SPJ-02	32-44mm		EN-SPJ-02 with joist cradle	30 pcs/ctn	32 x 32 x 22	12.5
EN-SPJ-03	42-63mm		EN-SPJ-03 with joist cradle	30 pcs/ctn	32 x 32 x 36	13.7
EN-SPJ-04	62-100mm		EN-SPJ-04 with joist cradle	30 pcs/ctn	32 x 32 x 34	14.4
EN-SPJ-05	92-160mm		EN-SPJ-05 with joist cradle	30 pcs/ctn	32 x 32 x 24	9.7
EN-SPJ-06	152-270mm		EN-SPJ-06 with joist cradle	30 pcs/ctn	32 x 32 x 36	13
EN-SPJ-07	262-490mm		EN-SPJ-07 with joist cradle	30 pcs/ctn	32 x 32 x 58	16.3

SELF LEVELLING STEEL PEDESTAL MODULAR COMPONENTS



SELF LEVELING HEAD

The head can be fitted with self-leveling tabs for tile or joists.



SELF LEVELING CONNECTOR

Connects the base component to the head component.



FIX COLLAR

Adds height and connects components.



BASE

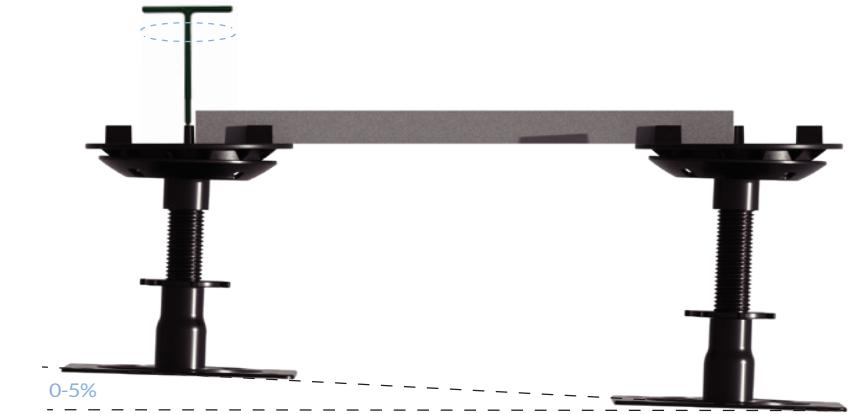
Adds height and connects components.



Self Levelling System



Base



Automated Slope Correction
using adjustment key and self-levelling head



Self-Levelling Head for Joist



Self-Levelling Head for Tile



Adjustment Key



HEIGHT RANGE

■ SELF LEVELLING STEEL PEDESTAL

PARTS LIST

WITH STEEL SPACER TAB / 2mm / 3.5mm /5mm

PRODUCT CODE	HEIGHT RANGE mm	PICTURE	DESCRIPTION	PACKAGE	CARTON SIZE cm	WEIGHT/CTN kg
EN-SLSP-01	40-50mm		EN-SLSP-01 with self levelling spacer tab	30 pcs/ctn	32 x 32 x 22	11.08
EN-SLSP-02	46-64mm		EN-SLSP-02 with self levelling spacer tab	30 pcs/ctn	32 x 32 x 24	11.8
EN-SLSP-03	64-88mm		EN-SLSP-03 with self levelling spacer tab	30 pcs/ctn	32 x 32 x 32	12.16
EN-SLSP-04	86-130mm		EN-SLSP-04 with self levelling spacer tab	30 pcs/ctn	32 x 32 x 40	13.6
EN-SLSP-05	120-200mm		EN-SLSP-05 with self levelling spacer tab	30 pcs/ctn	32 x 32 x 42	16.12
EN-SLSP-06	190-320mm		EN-SLSP-06 with self levelling spacer tab	30 pcs/ctn	32 x 32 x 59	10.72
EN-SLSP-07	305-545mm		EN-SLSP-07 with self levelling spacer tab	30 pcs/ctn	32 x 32 x 65	17.74

■ SELF LEVELLING STEEL PEDESTAL

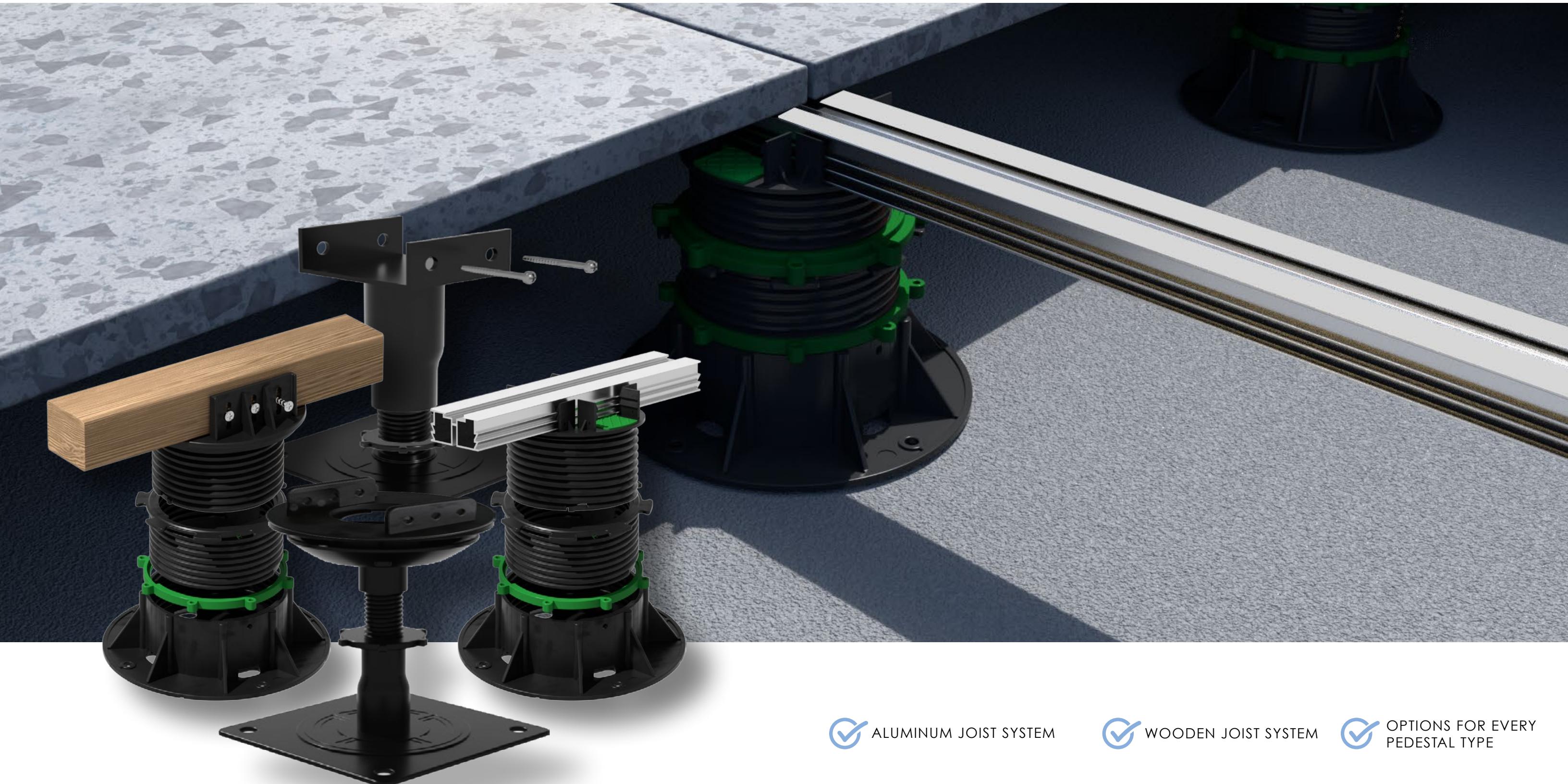
PARTS LIST

WITH JOIST CRADLE

PRODUCT CODE	HEIGHT RANGE mm	PICTURE	DESCRIPTION	PACKAGE	CARTON SIZE cm	WEIGHT/CTN kg
EN-SLSP-01	40-50mm		EN-SLSP-01 with self levelling joist cradle	30 pcs/ctn	32 x 32 x 26	11.52
EN-SLSP-02	46-64mm		EN-SLSP-02 with self levelling joist cradle	30 pcs/ctn	32 x 32 x 28	12.16
EN-SLSP-03	64-88mm		EN-SLSP-03 with self levelling joist cradle	30 pcs/ctn	32 x 32 x 35	12.52
EN-SLSP-04	86-130mm		EN-SLSP-04 with self levelling joist cradle	30 pcs/ctn	32 x 32 x 44	13.64
EN-SLSP-05	120-200mm		EN-SLSP-05 with self levelling joist cradle	30 pcs/ctn	32 x 32 x 47	12.32
EN-SLSP-06	190-320mm		EN-SLSP-06 with self levelling joist cradle	30 pcs/ctn	32 x 32 x 44	10.56
EN-SLSP-07	305-545mm		EN-SLSP-07 with self levelling joist cradle	30 pcs/ctn	32 x 32 x 67	17.74

■ DECKING SYSTEMS

Enmon Pro-Collection, Self Levelling and Non-Combustable Steel Pedestals support decking systems using aluminum or wooden joists. These joists are compatible with timber decking, wpc decking, stone, ceramic, composite material, metal, etc.



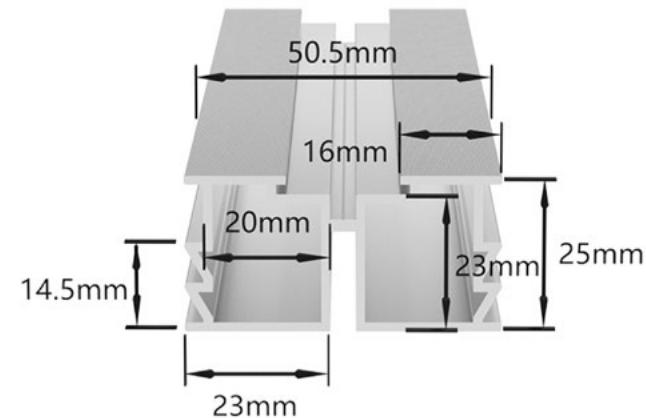
 ALUMINUM JOIST SYSTEM

 WOODEN JOIST SYSTEM

 OPTIONS FOR EVERY PEDESTAL TYPE

ALUMINUM JOISTS

Enmon Aluminum Joists are 25mm x 50.5mm with a length of 3000mm. Joist support tabs snap into place on any Enmon pedestal base system, no screws required. The aluminum joist setup is fast and provides added safety and load bearing capability.



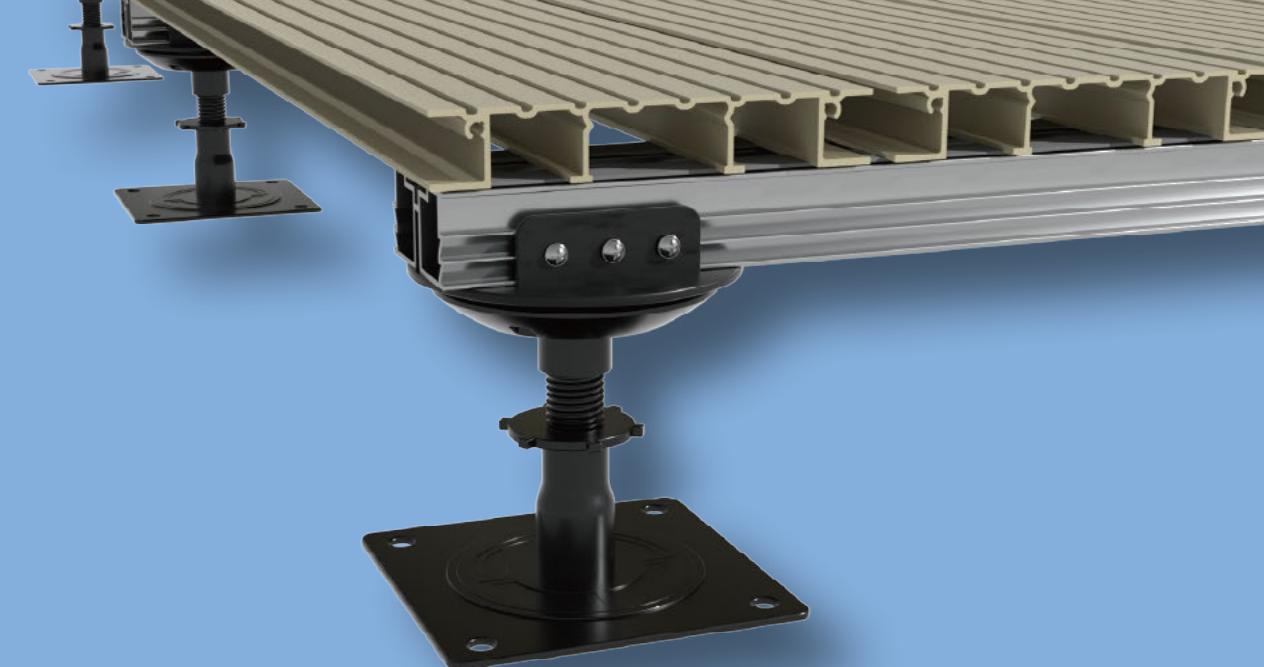
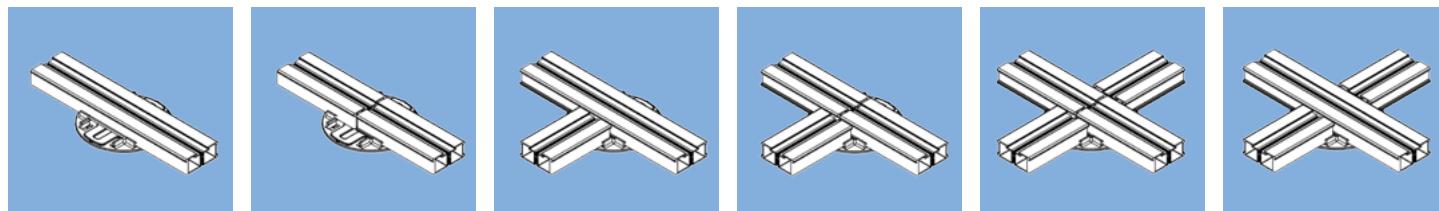
CLIP SYSTEM FOR WOOD PLANKS



SPACER TAB HEADS FOR PAVER TILE DECKING



INTERSECTION OPTIONS



ACCESSORIES



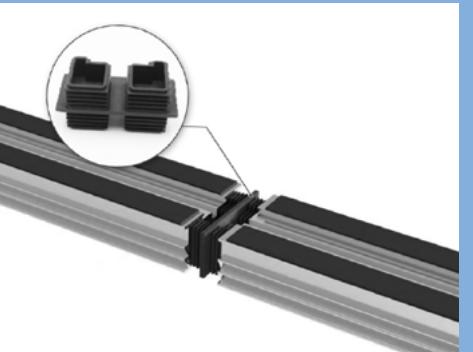
ALUMINUM JOIST HIDDEN CLIP
3/8" TO 7/16"

Secures planks to the aluminum joist system.



ALUMINUM JOIST STARTER
CLIP 3/8" TO 7/16"

High clip for bottom thickness of decking slot 9-11mm.



JOINT CONNECTOR
Connects two joists seamlessly.



ALUMINUM JOIST TAB

Attaches the aluminum joist to the pedestal head.



ALUMINUM JOIST 3.5MM
SPACER TAB

Secures the aluminum joist to the tile decking material.



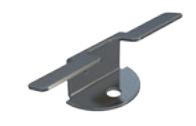
RUBBER STRIP

Provides sound reduction and friction reduction between the joist and the decking material.

■ ALUMINUM JOIST SYSTEM

PARTS LIST

QUICK INSTALL FOR WPC DECKING

ITEM	IMAGE	DESCRIPTION	SOLD BY PC OR ROLL
ALUMINUM JOIST		50x25mm stock length: 3m/pc Length is customizable	Pc
ALUMINUM JOIST CONNECTOR			Pc
RUBBER STRIP		each meter of aluminum joist requires 2 meters of rubber strip	Roll 30ft / 10m
WPC DECKING EDGE CLIP / STARTER CLIPS Stainless steel. No screw required		high clip for bottom thickness of decking slot 9-11mm	Pc
WPC DECKING HIDDEN CLIP / MIDDLE CLIPS Stainless steel. No screw required		low clip for bottom thickness of decking slot 7-9mm	Pc

ALUMINUM JOIST SYSTEM ■

PARTS LIST

QUICK INSTALL FOR TILE

ITEM	IMAGE	DESCRIPTION	SOLD BY PC OR ROLL
ALUMINUM JOIST		50x25mm Thickness 1.5mm Stock length: 3m/pc Length is customizable	Pc
ALUMINUM JOIST CONNECTOR			Pc
ALUMINUM JOIST 3.5MM SPACER TAB		Secures the aluminum joist to the tile decking material.	Pc

WOOD JOISTS

ADVANTAGES

 COST EFFECTIVE

 EASY TO INSTALL

 VERSATILE

 RENEWABLE RESOURCE



Wood joists when used with Enmon pedestals offer a cost effective and easy way to achieve raised floor decking. They are lightweight and can be easily cut and installed, streamlining the construction process and reducing labor costs. Wood is a renewable resource, making it an environmentally friendly choice for construction. Sustainable forestry practices can ensure a continuous supply of wood for building. Wood joists can be adapted to various architectural designs and construction requirements. They allow for flexibility in creating different floor plans and accommodating specific project needs.



Pro-Series Pedestal Tab for Wood Joist



Self Levelling Pedestal Tab for Wood Joist

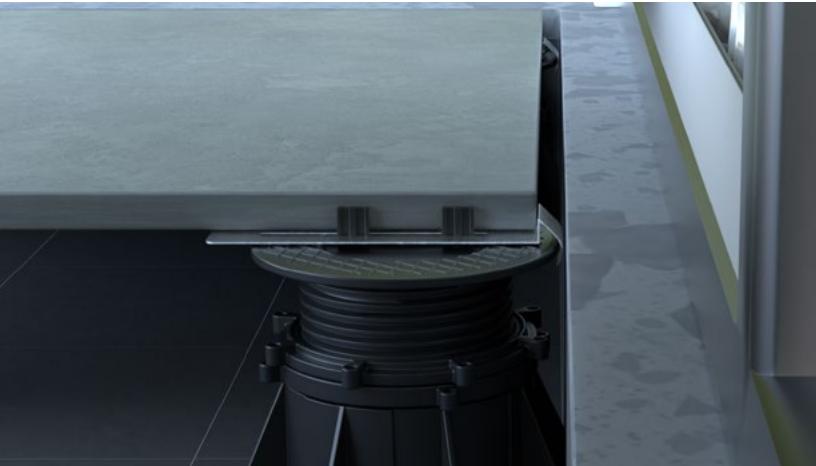


Non-Combustible Steel Pedestal Fixed Head for Wood Joist



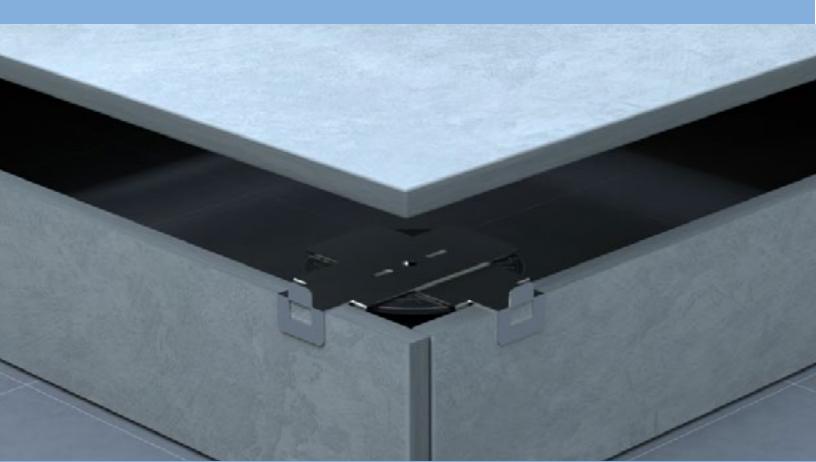
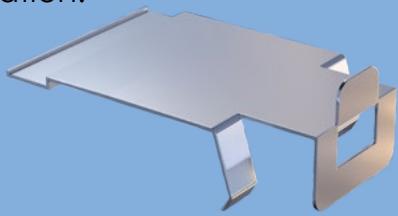
Non-Combustible Steel Pedestal Self-Levelling Tab for Wood Joist

PERIMETER PROFILES



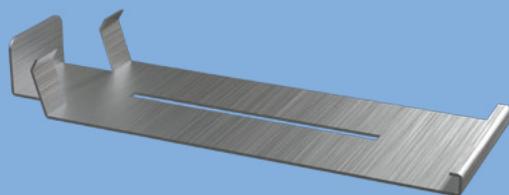
STEEL TOP VERTICAL CLOSURE CLIP (TYPE 1)

One clip is attached to the top aluminum joist, providing vertical closure gap elimination.



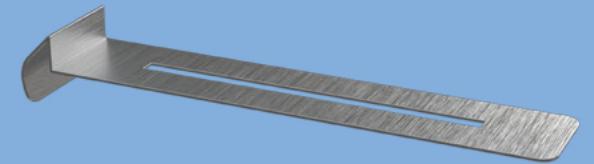
STEEL BOTTOM VERTICAL CLOSURE CLIP

One clip is attached to the pedestal base, providing vertical closure gap elimination.



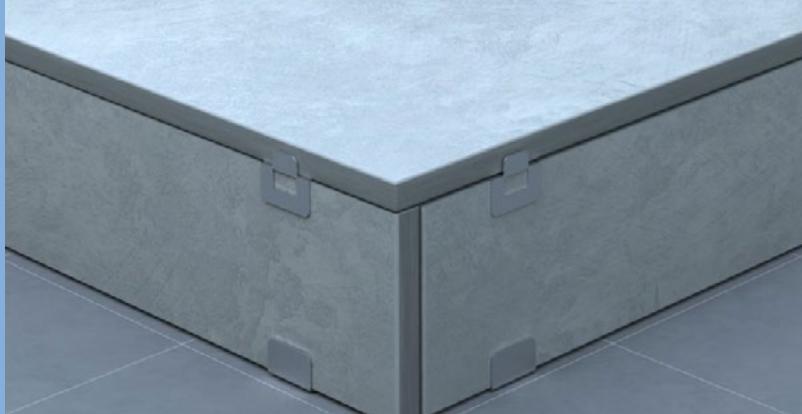
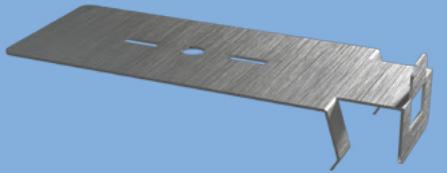
STEEL PERIMETER EDGE CLIP

Provides a uniform spacing of 1cm from walls or edging. Compatible with any spacer tab.



STEEL TOP VERTICAL CLOSURE CLIP (TYPE 2)

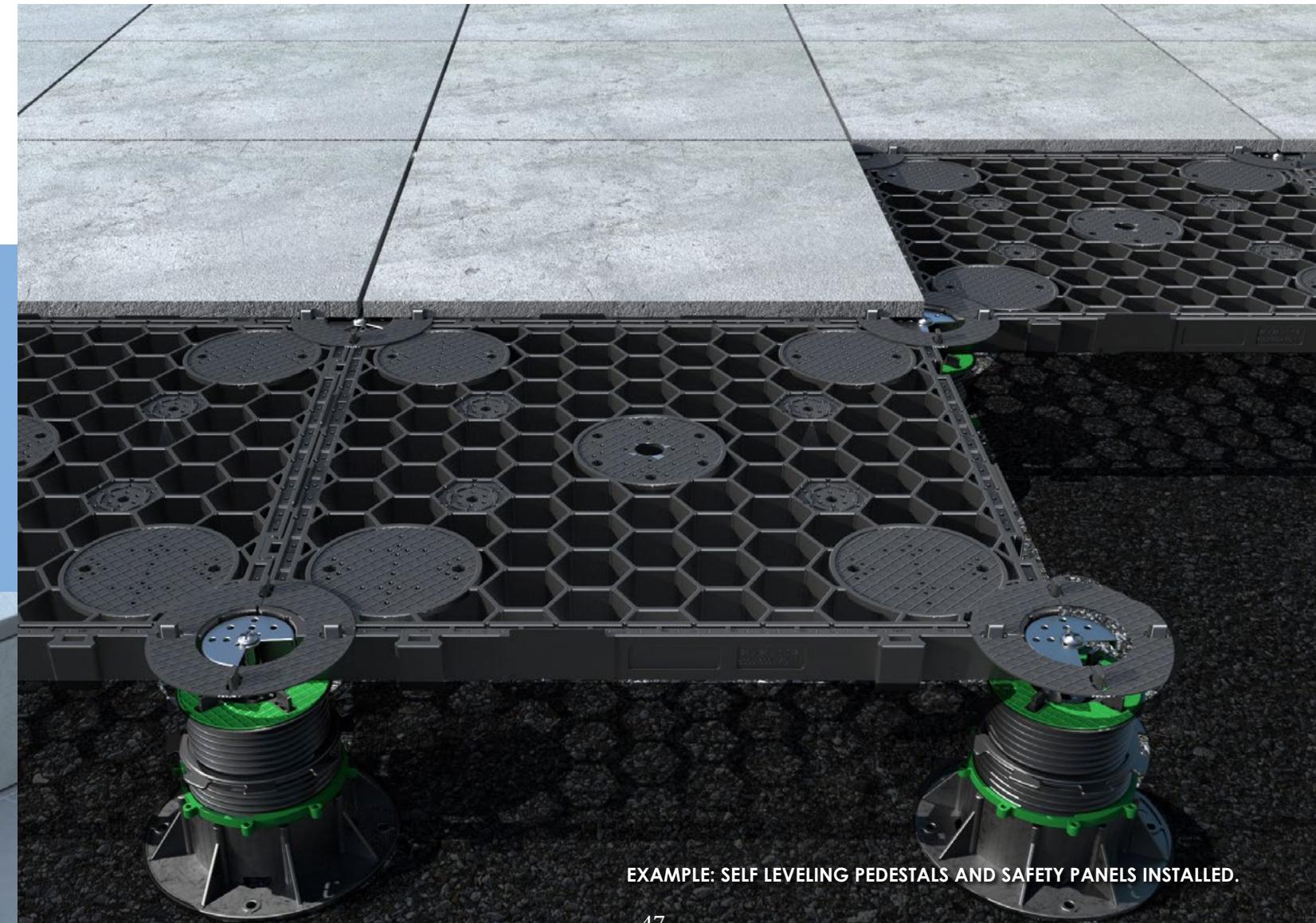
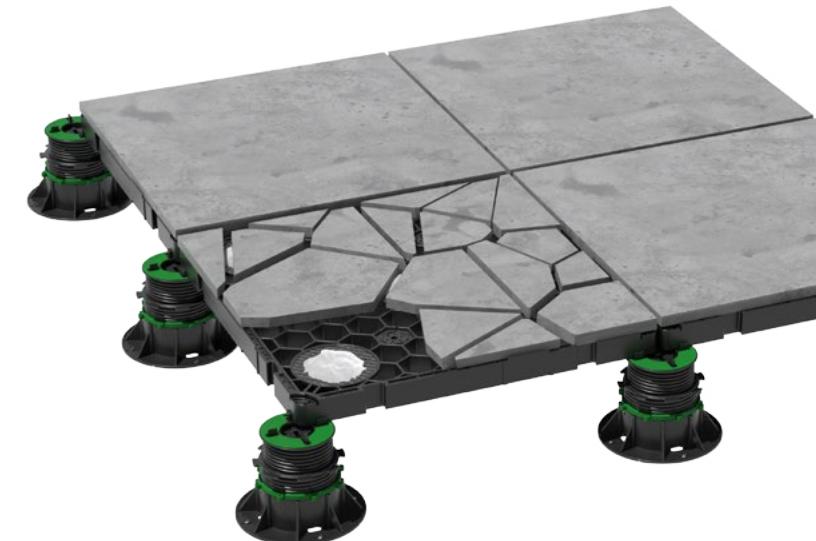
One clip is attached to the top tab, providing vertical closure gap elimination.



SAFETY PANELS

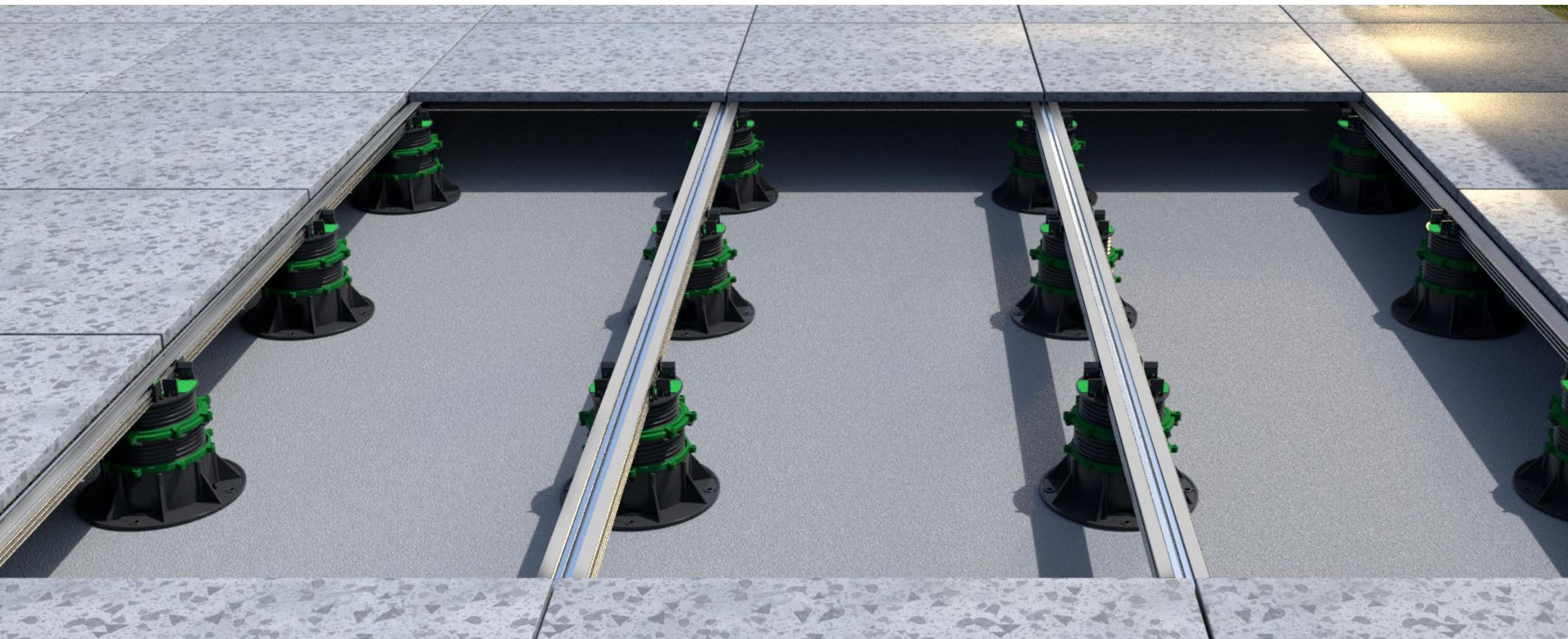
WINDPROOFING & CATCH PLATE

Dual functioning accessory, acting as a windproof system, and as a catch plate. System allows other materials to be laid on top, such as turf.



EXAMPLE: SELF LEVELING PEDESTALS AND SAFETY PANELS INSTALLED.

■ INSTALLATION GUIDE



1

PREPARATION

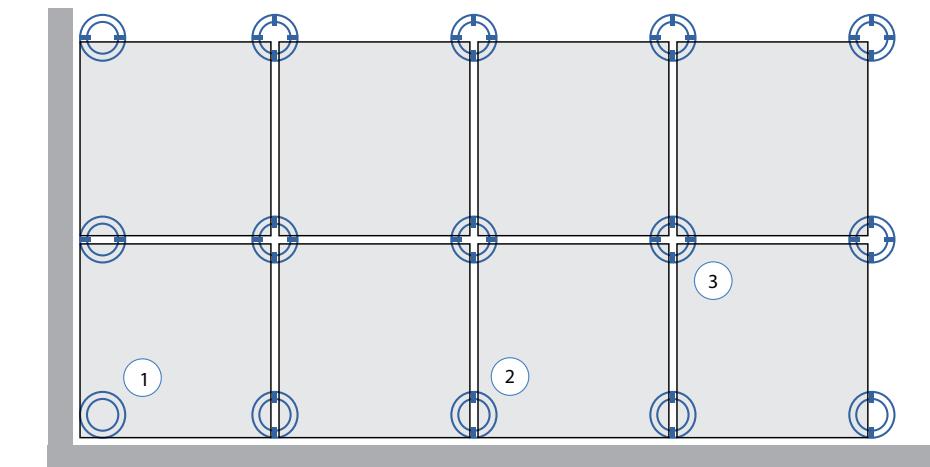
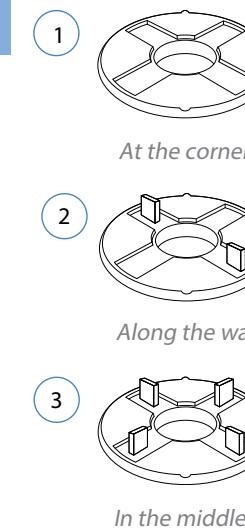
Clean the existing surface and check that the solid substrate is level to the right type of pedestal. If substrate is concrete it must be dry and cured. If laying on sand or gravel consider using a concrete base to improve stability.



3

SECURE SPACER TABS

Spacer tabs can be broken off to accomodate the number of tiles and relation to walls and edges.



2

TRIM PEDESTAL BASES

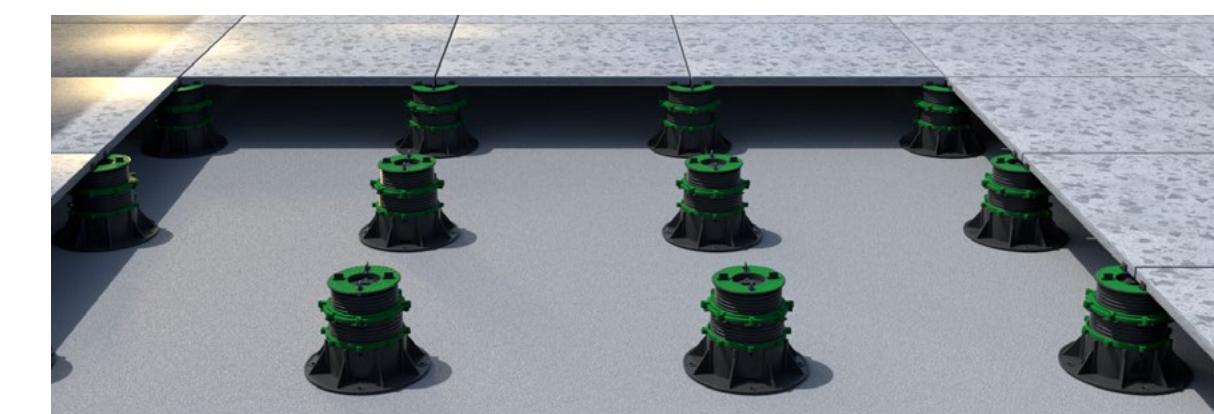
Plastic pedestal bases are scored on the bottom to allow for easy cutting to achieve a straight edge against walls corners or edges.



4

ARRANGE THE PEDESTALS IN ROWS

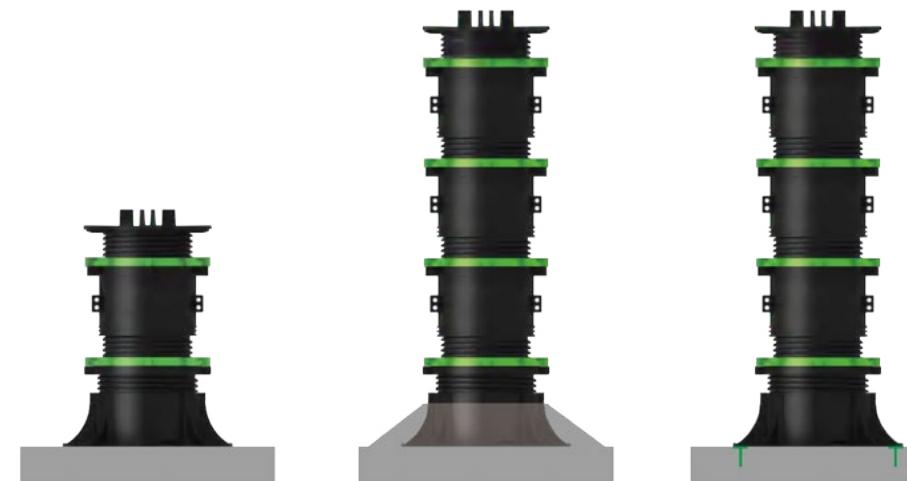
Using a grid system (see page 48) space and align the pedestals to cover the raised flooring area.



5

SECURE BASES

Ensure stability by securing the bases to the substrate. We recommend using a concrete, glue or screw method for pedestals over the height of 400mm.



HEIGHT UNDER 400mm

Secured base not required.

HEIGHT OVER 400mm

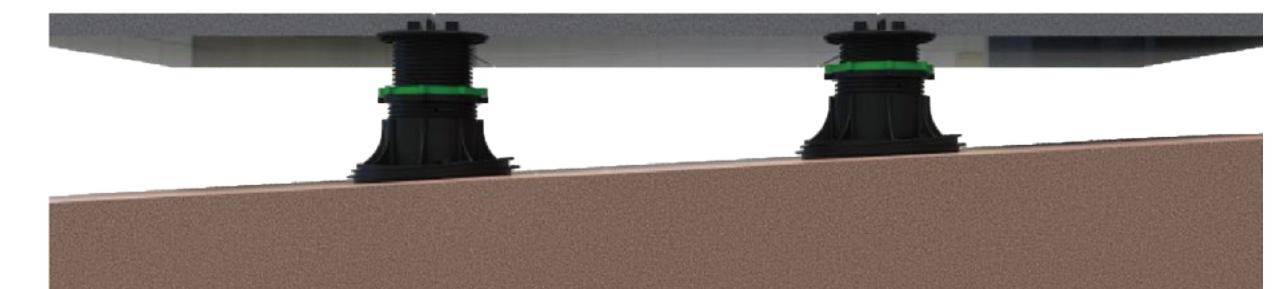
Secure base using
glue or concrete.

Secure base using
screws and bolts.

7

SLOPE CORRECTION

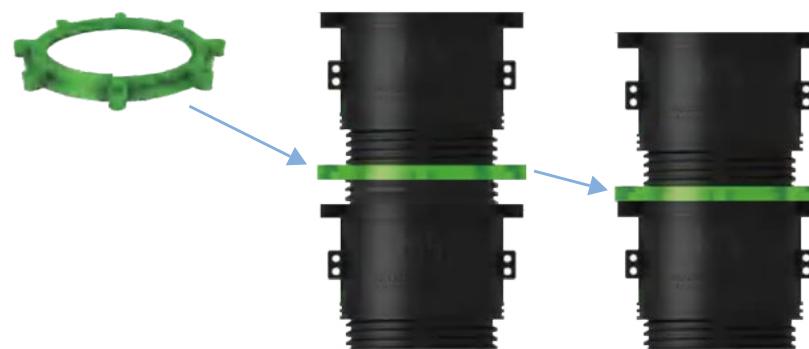
If using fixed bases, use a slope corrector at the base if terrain is uneven. Twisting the two components creates a slope from 0 - 5%.



6

LOCK FIX COLLAR

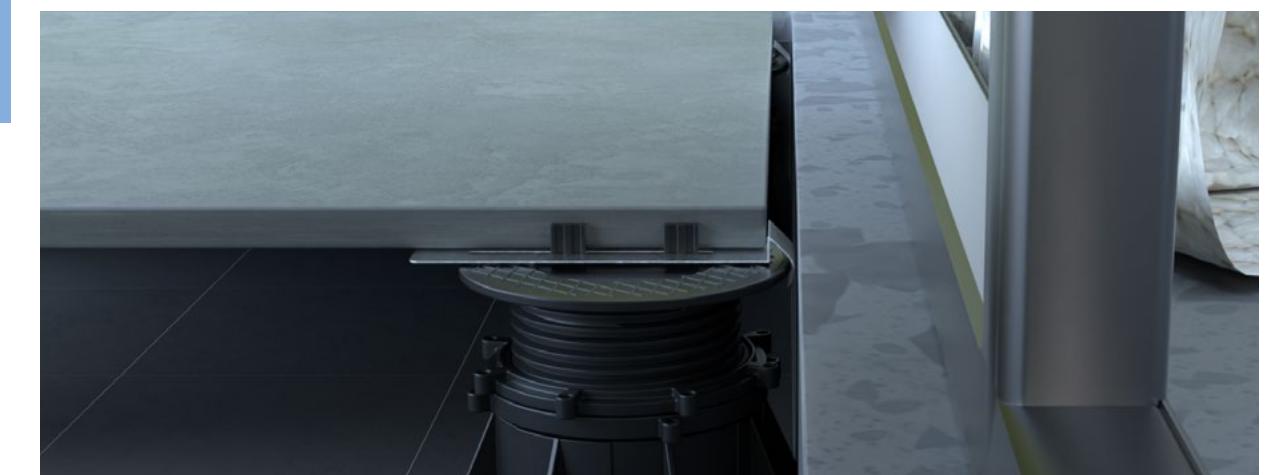
Once height is determined, twist the fix collar to the base of the upper module, securing the modules together.



8

PLACE PERIMETER CLIPS

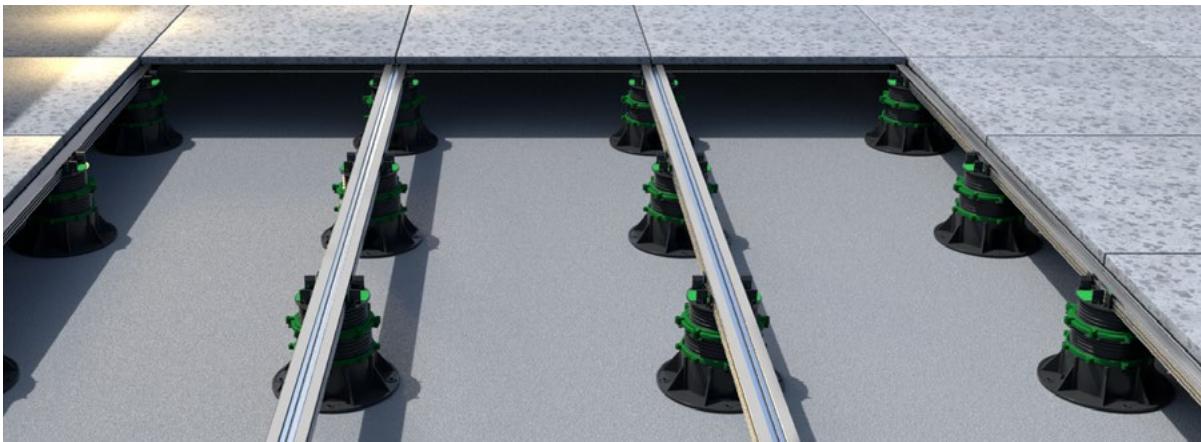
Ensure even spacing from walls and edges with perimeter clips.



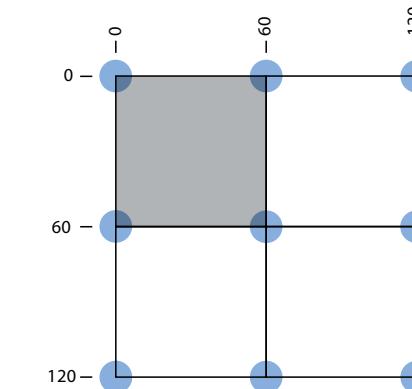
9

LAY THE TILE OR JOISTS

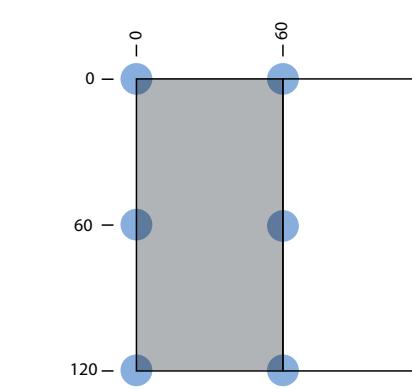
Lay the tile or joist system along the heads of the pedestals. Ensure edges are lined up tightly with the tabs or joist clips.

**PLACEMENT ACCORDING TO SLAB SIZE**

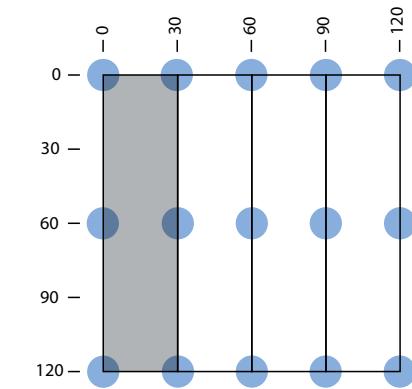
Tile 60x60 cm



Tile 60x120 cm



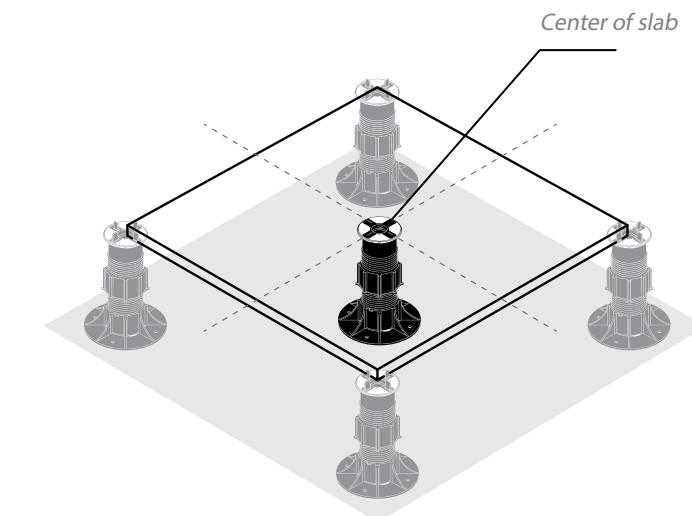
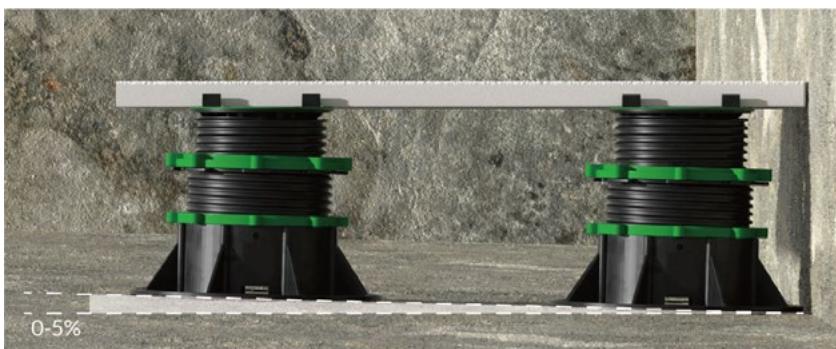
Tile 30x120 cm



10

SLOPE CORRECTION WITH SELF LEVELLING PEDESTALS

If using self levelling heads you can adjust the final level using an adjustment key after the tile is laid.

**CENTRAL SUPPORT**

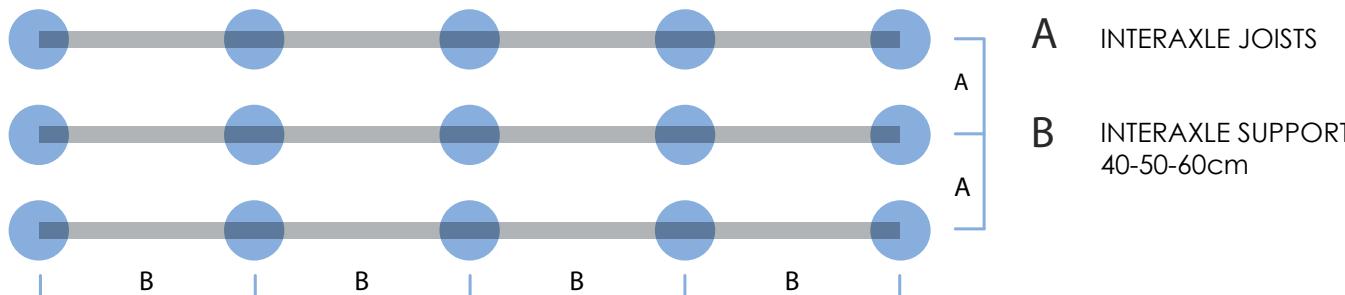
For any application using tiles larger than 32"x32" we recommend the use of a "Central Support" pedestal to be placed at the center of the slab to give greater resistance to the floor.

We also recommend using a pedestal for center support for any areas that will be supporting heavy items like furniture or stone planters etc.

HOW TO CALCULATE THE NUMBER OF JOISTS, PEDESTALS, AND SPACER TABS
FOR PORCELAIN PAVERS AND PLANKS

1

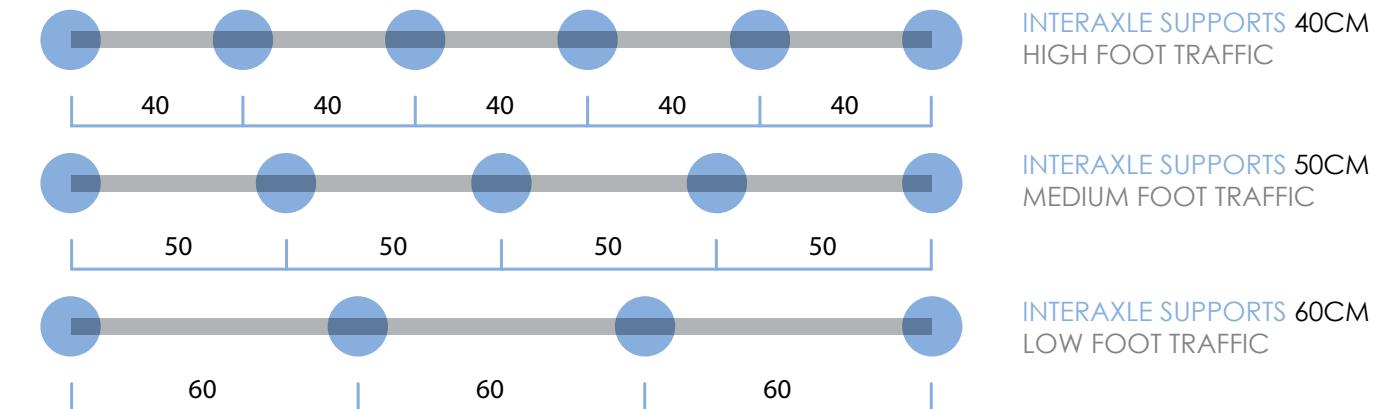
STEP 1:
Determine interaxle spacing between joists and pedestals.



HOW TO CALCULATE THE NUMBER OF JOISTS, PEDESTALS, AND SPACER TABS
FOR PORCELAIN PAVERS AND PLANKS

2

STEP 2:
Once the interaxle spacing has been defined, now calculate the number of pedestals required per square feet.



ALUMINIUM JOIST 300 CM	INTERAXLE JOIST A	TILE DIMENSION	JOIST PER SQUARE FOOT	SPACER TABS PER SQUARE FT
	30 cm	30 x 60 cm	0.11	0.58
	40 cm	30 x 120 cm	0.085	0.22
	60 cm	30 x 60 cm 60 x 60 cm 60 x 120 cm	0.056 0.29 0.15	0.58 0.29 0.15

We recommend the installer account for 15-20% coverage in their quantities as these calculations are estimates.

INTERAXLE SUPPORTS B	INTERAXLE JOIST A	PEDESTALS PER SQUARE FOOT
40 cm HIGH FOOT TRAFFIC	30 cm	0.86
	40 cm	0.64
	60 cm	0.43
50 cm MEDIUM FOOT TRAFFIC	30 cm	0.68
	40 cm	0.51
	60 cm	0.35
60 cm LOW FOOT TRAFFIC	30 cm	0.51
	40 cm	0.39
	60 cm	0.26

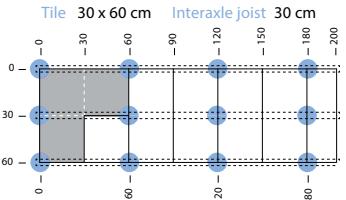
We recommend the installer account for 15-20% coverage in their quantities as these calculations are estimates.

HOW TO CALCULATE THE NUMBER OF JOISTS, PEDESTALS, AND SPACER TABS FOR PORCELAIN PAVERS AND PLANKS

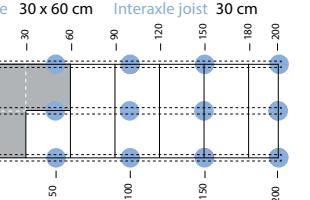
30 x 60 cm paver

30 cm interaxle spacing between joists

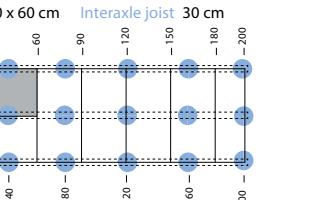
Low foot traffic



Medium foot traffic



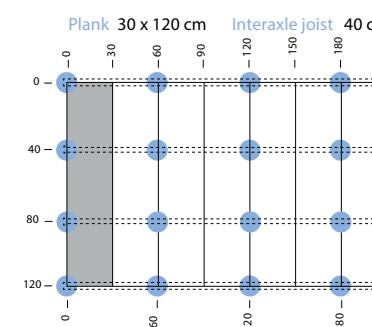
High foot traffic



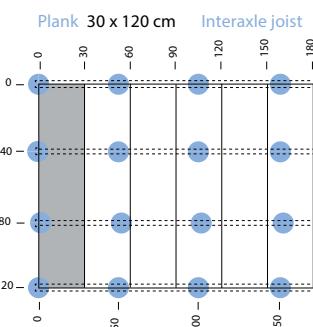
30 x 120 cm paver

40 cm interaxle spacing between joists

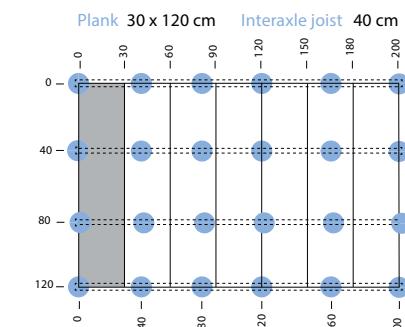
Low foot traffic



Medium foot traffic



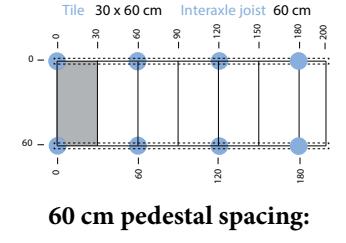
High foot traffic



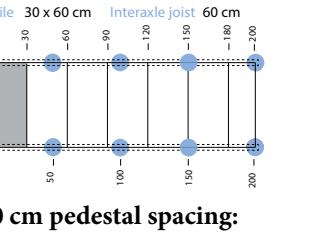
30 x 60 cm paver

60 cm interaxle spacing between joists

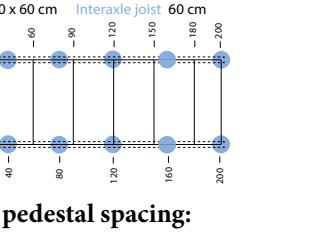
Low foot traffic



Medium foot traffic



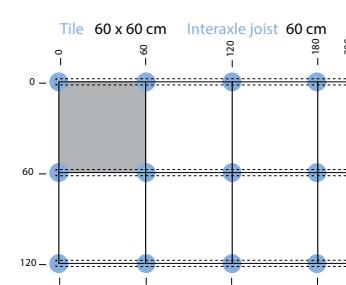
High foot traffic



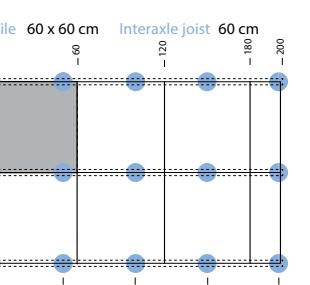
60 x 120 cm paver

60 cm interaxle spacing between joists

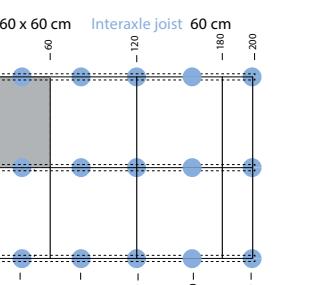
Low foot traffic



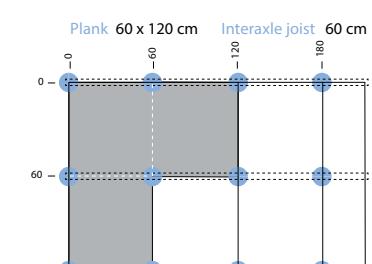
Medium foot traffic



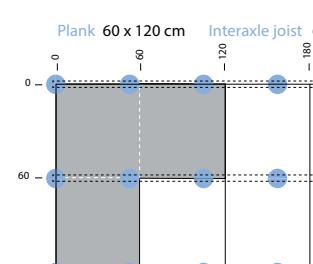
High foot traffic



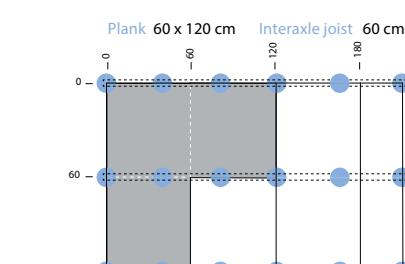
Low foot traffic



Medium foot traffic



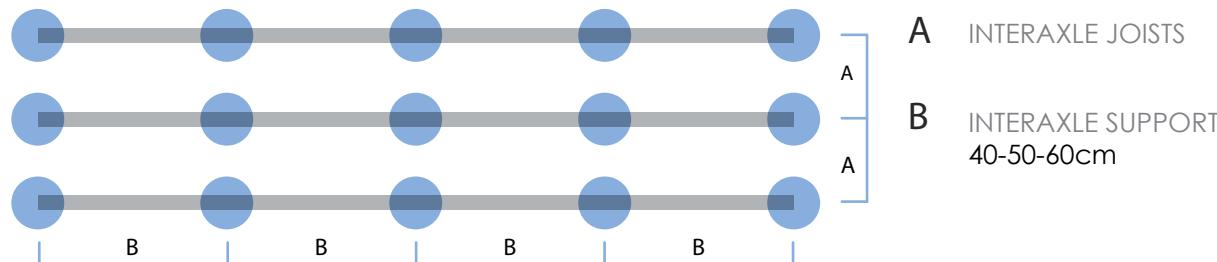
High foot traffic



HOW TO CALCULATE THE NUMBER OF JOISTS, PEDESTALS, AND CLIPS
FOR WPC AND WOODEN PLANKS

1

STEP 1:
Determine interaxle spacing between joists and pedestals.



ALUMINIUM JOIST 300 CM	INTERAXLE JOIST A	PLANK DIMENSION	JOIST PER SQUARE FOOT	STARTER CLIPS PER LINEAR FOOT	HIDDEN CLIPS PER LINEAR FOOT
	30 cm	length 95 - 225 cm width 9 - 14.5 cm thickness 1.9 - 3cm	0.11	A	B
	40 cm	length 95 - 225 cm width 9 - 14.5 cm thickness 1.9 - 3cm	0.85	A	B
	50 cm	length 95 - 225 cm width 9 - 14.5 cm thickness 1.9 - 3cm	0.07	A	B

We recommend the installer account for 15-20% coverage in their quantities as these calculations are estimates.

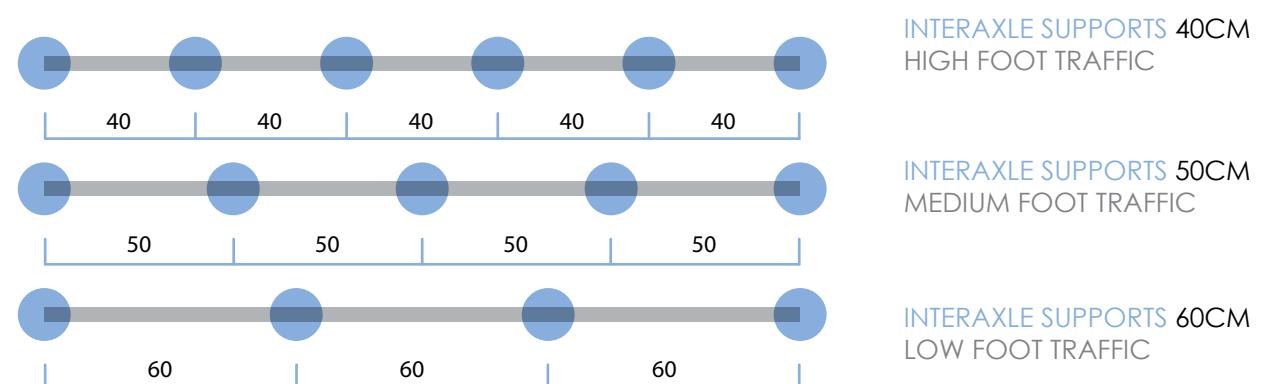
A To determine starter clips per linear foot:
1 foot (12" or 300mm) / plank width x 2
Ex. 300mm / 140mm = 2.14 x 2 = 4.28 clips per linear foot

B To determine hidden clips per linear foot:
1 foot (12" or 300mm) / plank width
Ex. 300mm / 140mm = 2.14 clips per linear foot

HOW TO CALCULATE THE NUMBER OF JOISTS, PEDESTALS, AND CLIPS
FOR WPC AND WOODEN PLANKS

2

STEP 2:
Once the interaxle spacing has been defined, now calculate the number of pedestals required per square feet.



INTERAXLE SUPPORTS B	INTERAXLE JOIST A	PEDESTALS PER SQUARE FOOT
40 cm HIGH FOOT TRAFFIC	30 cm	0.86
	40 cm	0.64
	50 cm	0.51
50 cm MEDIUM FOOT TRAFFIC	30 cm	0.68
	40 cm	0.51
	50 cm	0.41
60 cm LOW FOOT TRAFFIC	30 cm	0.51
	40 cm	0.39
	50 cm	0.31

We recommend the installer account for 15-20% coverage in their quantities as these calculations are estimates.

■ TECHNICAL INFO

PEDESTAL WEIGHT CAPACITY

SYSTEM	PEDESTAL	LOAD CAPACITY
PRO SERIES	EN-CO-A	2300 lbs
	EN-CO-B	2300 lbs
	EN-CO-C	3000 lbs
	EN-CO-D	2900 lbs
	EN-CO-E	3000 lbs
SELF LEVELLING	EN-SLO-A	2800 lbs
	EN-SLO-B	3000 lbs
	EN-SLO-C	3300 lbs
	EN-SLO-D	3300 lbs
	EN-SLO-D + extender	3200 lbs
PROJECT X	EN-X-1	1850 lbs
	EN-X-2	1880 lbs
	EN-X-3	2100 lbs
NON-COMBUSTIBLE STEEL	EN-SP- (168hr neutral salt exposure)	12,500 lbs



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