



ADJUSTABLE

■ PEDESTAL SYSTEMS

INDEX

ADJUSTABLE PEDESTAL SYSTEMS

4 / ADVANTAGES

6 / APPLICATIONS

8 / PEDESTAL SYSTEMS

10 / PRO SERIES PEDESTALS

14 / PRO SERIES PARTS LIST

16 / PROJECT X PEDESTALS

20 / PROJECT X PARTS LIST

22 / SELF LEVELLING PEDESTALS

26 / SELF LEVELLING PARTS LIST

28 / STEEL PEDESTALS OVERVIEW

30 / STEEL FIXED PEDESTALS

32 / STEEL FIXED PEDESTALS PARTS LIST

34 / STEEL SELF LEVELLING PEDESTALS

36 / STEEL SELF LEVELLING PEDESTALS PARTS LIST

38 / DECKING SYSTEMS

40 / ALUMINUM JOISTS SYSTEM

41 / ALUMINUM JOISTS ACCESSORIES

42 / ALUMINUM JOISTS PARTS LIST

44 / WOOD JOISTS SYSTEM

46 / PERIMETER PROFILES

47 / SAFETY PANELS

48 / INSTALLATION GUIDE

50 / PEDESTAL INSTALLATION

55 / SPACING GRIDS - PEDESTALS

56 / SPACING GUIDE - JOISTS

58 / SPACING GRIDS - JOISTS

60 / SPACING GUIDE - WPC DECKING / PLANKS

62 / TECHNICAL SPECIFICATIONS

63 / CONTACT INFO



■ 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:



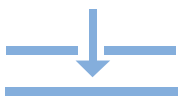
1. Leveling:

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.



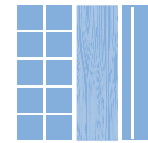
3. Accessibility:

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



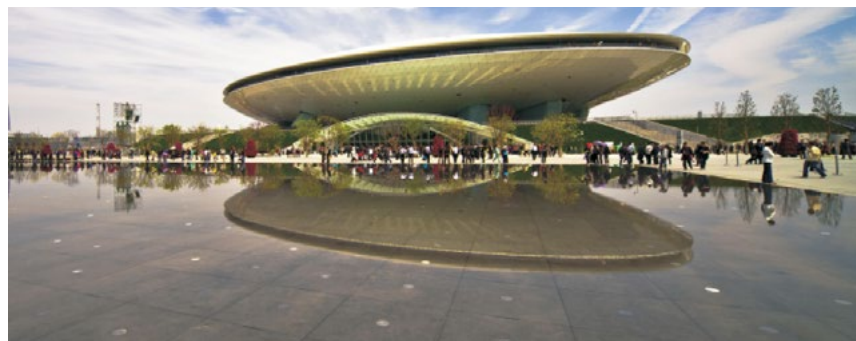
INTERIOR/EXTRERIOR TRANSITIONS



DECKING



TERRACES & BALCONIES



WATER FEATURES



TEMPORARY FLOORING



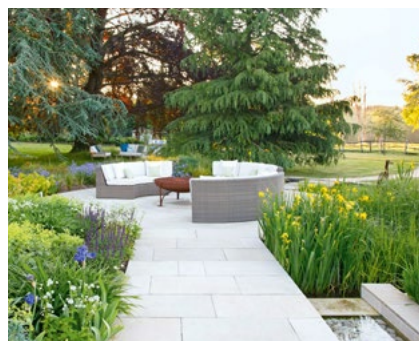
GAZEBOS



POOL DECKS



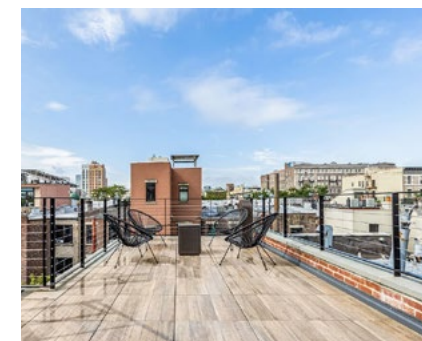
WOOD DECKS



PATHWAYS



RESTAURANT PATIOS



ROOFTOP DECKS

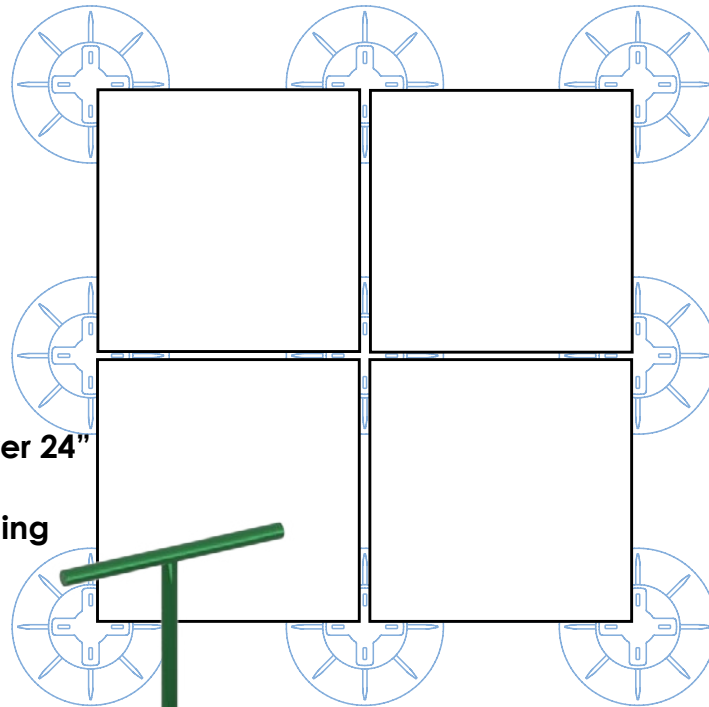


GARDENS

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

Enmon 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.

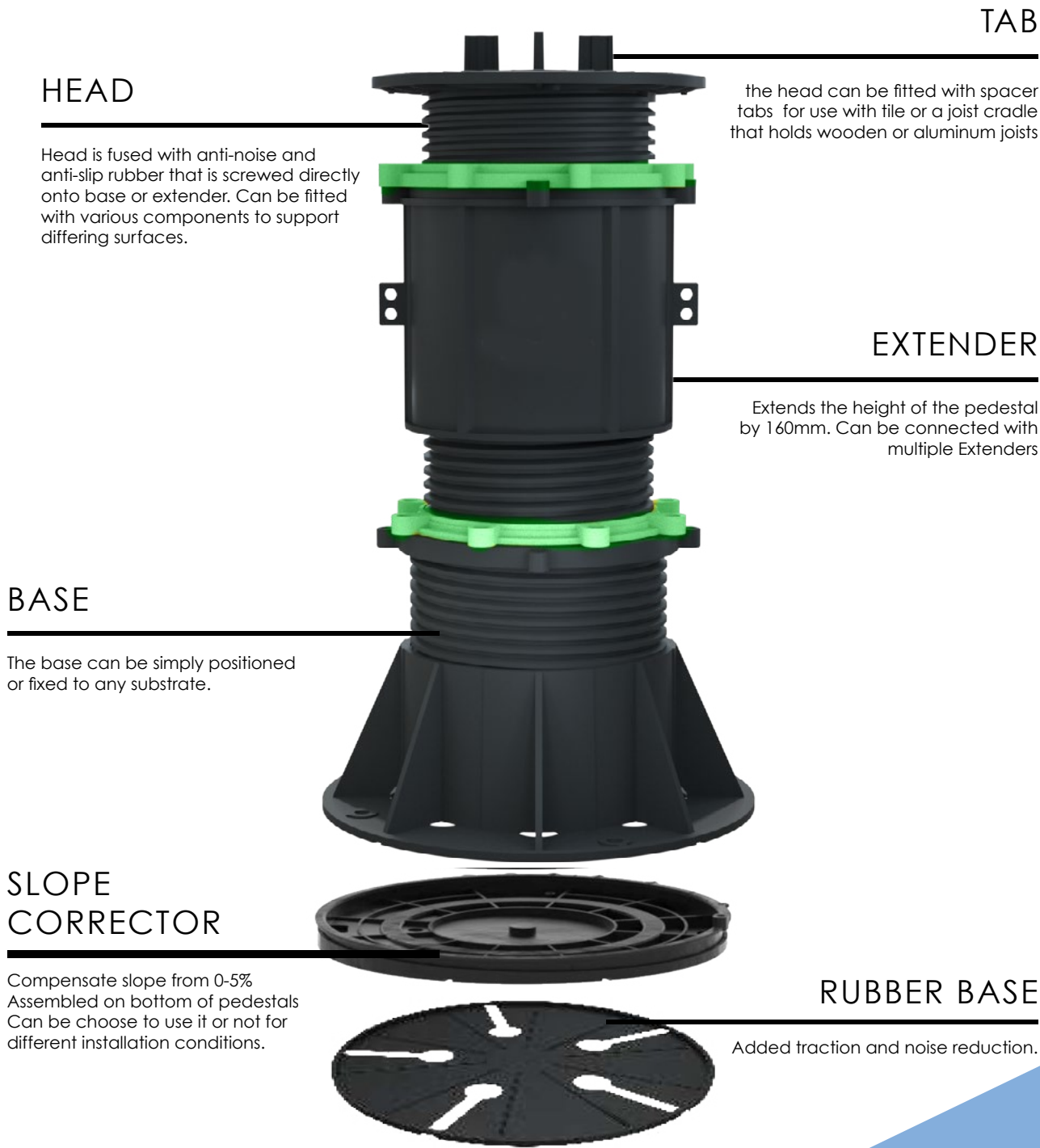


✓ LIGHT COMMERCIAL
LOAD CAPACITY

✓ PROGRESSIVE
HEIGHT INCREMENT

✓ SLOPE CORRECTOR
ADD ON AVAILABLE

PRO SERIES
MODULAR COMPONENTS



■ PRO SERIES PEDESTAL

PARTS LIST

| PRODUCT CODE | HEIGHT RANGE | PICTURE | PART | PART PICTURE | PACKAGE | CARTON SIZE | WEIGHT/CTN |
|--------------|--------------------------|---|--------------------|---|------------|-----------------|------------|
| | mm/inches | | | | | 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 |
| | | | 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 |
| | | | 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 |
| | | | 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 |
| | | | D-base |  | 30 pcs/ctn | | |

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

| PRODUCT CODE | HEIGHT RANGE | PICTURE | PART | PART PICTURE | PACKAGE | CARTON SIZE | WEIGHT/CTN |
|----------------------|-----------------------------|---|---|---|------------|--|---|
| | mm/inches | | | | | 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 |
| | | | E-base |  | 30 pcs/ctn | | |
| EN-C0-E +EXTENDER | 180-315mm (7.09"-12.40") |  | 3mm* spacer tab |  | 30 pcs/ctn | 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 |
| | | | 160mm Extender |  | 30 pcs/ctn | | |
| | | | E-base |  | 30 pcs/ctn | | |
| 160MM EXTENDER | 160mm |  | | | 30 pcs/ctn | 66 x 36 x 28 cm | 10.3kg |
| 3961 | |  | Pro Wood Joist Tab | | 1 pc/ctn | | |
| 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

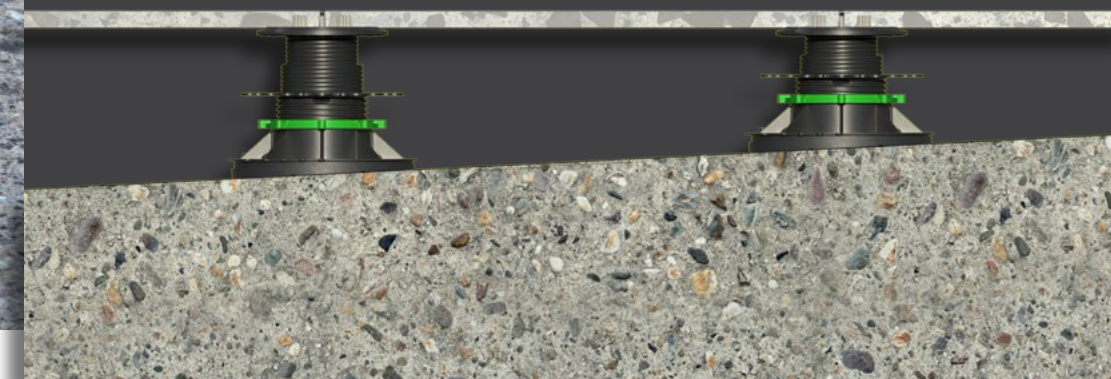
PROJECT X PEDESTALS

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.



SLOPE CORRECTION

Un-even or sloped surfaces can be compensated with the use of slope correcting base.



✓ HEAVY COMMERCIAL
LOAD CAPACITY

✓ HEIGHT INCREMENT

✓ ADD-ON SLOPE
CORRECTOR

PROJECT X PEDESTAL MODULAR COMPONENTS

ADJUSTMENT KEY

Allows you to do micro-adjustments of the level without having to remove the tile from the pedestal.

TAB

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

EXTENSION PAD

45mm extension pad, can be easily installed on head of the pedestal and are stackable to reach maximum 228mm height.

HEAD

150mm diameter with soft rubber pad.

CONNECTOR

Adds height and connects components.

CONNECTOR +FIX COLLAR

Adds height plus connects and locks components.

FIX COLLAR

Provides a rigid lock for components.

RUBBER BASE + SLOPE CORRECTOR

Compensate slope from 0-5%
Assembled on bottom of pedestals.
Adds traction and noise reduction.

BASE

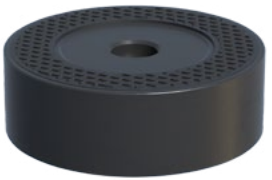
The base can be simply positioned or fixed to any substrate.



Adjustment Key



220mm T-Extender



45mm Extender Pad



Tile Spacer Tab



Aluminum Joist Tab for Project X Pedestal



Wood Clip Spacer Tab



Base Slope Corrector



Rubber Base



Big Fix Collar

135mm - 340mm



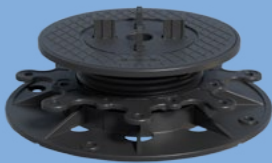
EN - X - 3

46mm - 138mm



EN - X - 2

25mm - 46mm




EN - X - 1

HEAVY COMMERCIAL LOAD CAPACITY

HEIGHT RANGE

PROJECT X PEDESTAL

PARTS LIST

| PRODUCT CODE | HEIGHT RANGE | PICTURE | PART | PART PICTURE | PACKAGE |
|-------------------------|-----------------------------|---|--------------------|---|------------|
| | mm/inches | | | | |
| 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

ADJUSTMENT KEY

Allows you to do micro-adjustments of the level without having to remove the tile from the pedestal.

HEAD

The head of the support is screwed directly on to the base, or on to the extender. Can be fitted with various components to support differing surfaces.

TAB

The head can be fitted with three different tabs, paver, wooden and aluminum joist tabs. Two are fused with anti-noise and anti-slip rubber.

EXTENDER

Extends the height of pedestal by 220mm and can be connected by multiple extenders.

FIX COLAR

Creates a rigid lock between components.

CONNECTOR

Adds height and connects components.

BASE

The base can be simply positioned or fixed to any substrate.

RUBBER BASE

Added traction and noise reduction.



Adjustment Key



220mm Extender



35 mm Extension Pad



Tile Spacer Tab



Self Leveling Wood Joist Tab



Aluminum Joist Tab for Self Leveling Pedestal



Rubber Base



Big Fix Colar



Self Leveling Pedestal Head Lock



EPDM Rubber Shim



Connecting Rods
for pedestal spacing of
2 ft or more



500-750mm



340-500mm

23mm - 33mm

EN - SLO - A

33mm - 68mm

EN - SLO - B

67mm - 157mm

EN - SLO - C

154mm - 405mm

EN - SLO - D

272mm - 595mm

EN - SLO - D
+ EXTENDER

392mm - 785mm

EN - SLO - D
+ EXTENDER X2

520mm - 975mm

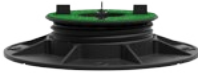

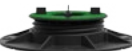







EN - SLO - D
+ EXTENDER X3

LIGHT COMMERCIAL LOAD CAPACITY

HEIGHT RANGE

SELF LEVELING PEDESTAL

PARTS LIST

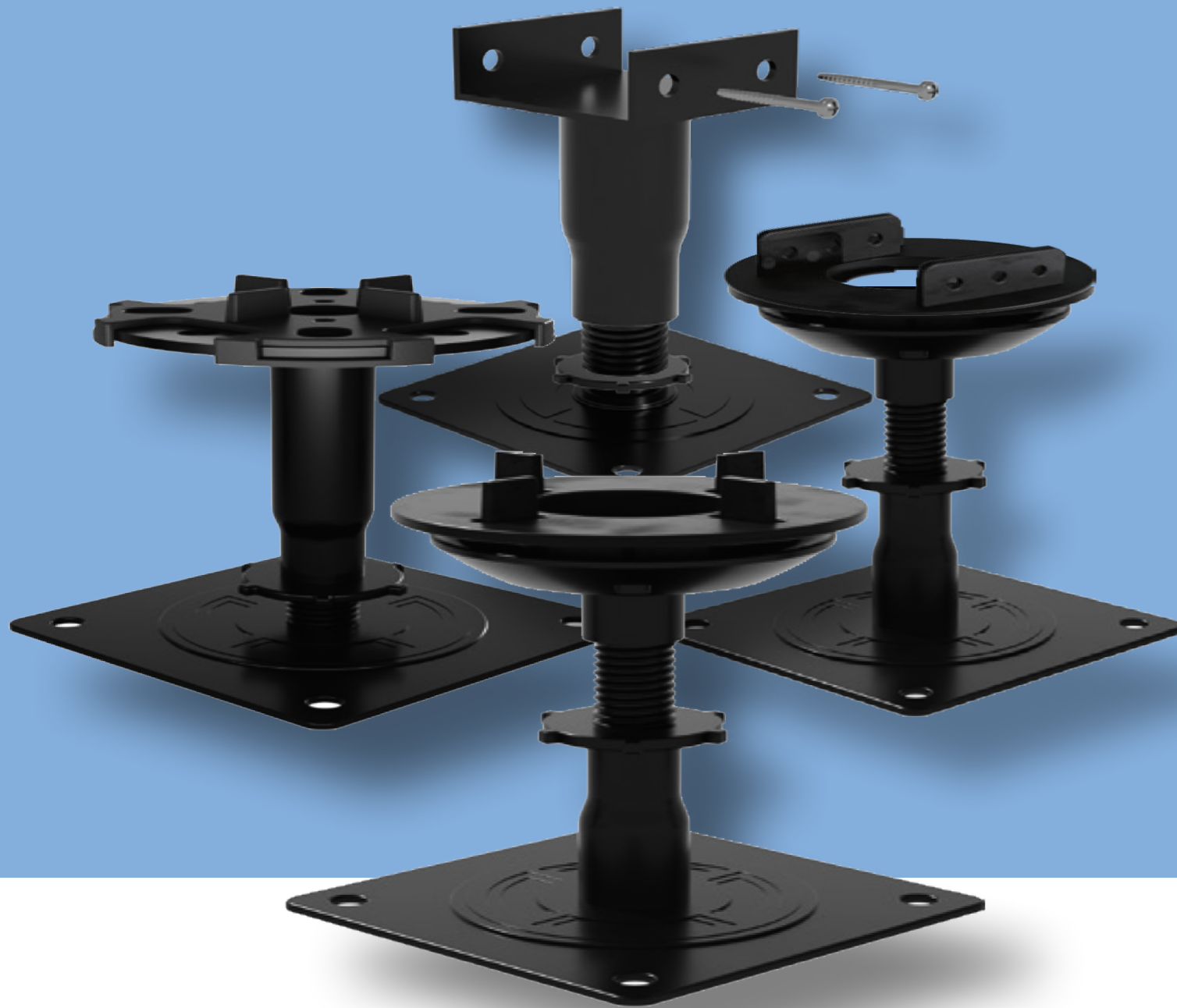
| PRODUCT CODE | HEIGHT RANGE | PICTURE | PART | PART PICTURE | PACKAGE | CARTON SIZE | WEIGHT/CTN |
|--------------|-----------------------------|---|--------------------------------------|---|------------|-----------------|------------|
| | mm/inches | | | | | cm | kg |
| EN-SLO-A | 23-33mm (0.9"-1.3") |  | 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 | PICTURE | PART | PART PICTURE | PACKAGE | CARTON SIZE | WEIGHT/CTN |
|-----------------------|------------------------------|---|---|---|------------|---|---|
| | mm/inches | | | | | 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 + EXTENDER Box 66 x 48 x 27 cm | 14.5kg + 14.5kg = 29.0kg total |
| | | | 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.



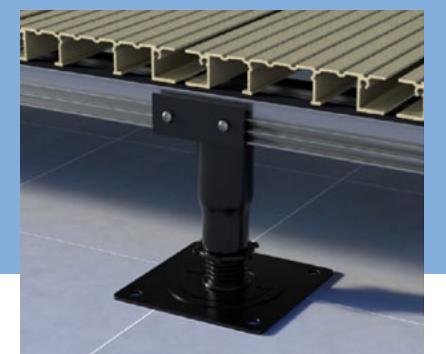
Coated with protective layer.



Height adjustment key for self leveling.



Fix collar lock.



 **NON-COMBUSTIBLE**

 **HEIGHT INCREMENT**

 **OVER 10,000 LBS
WEIGHT CAPACITY**

FIXED STEEL PEDESTAL
MODULAR COMPONENTS



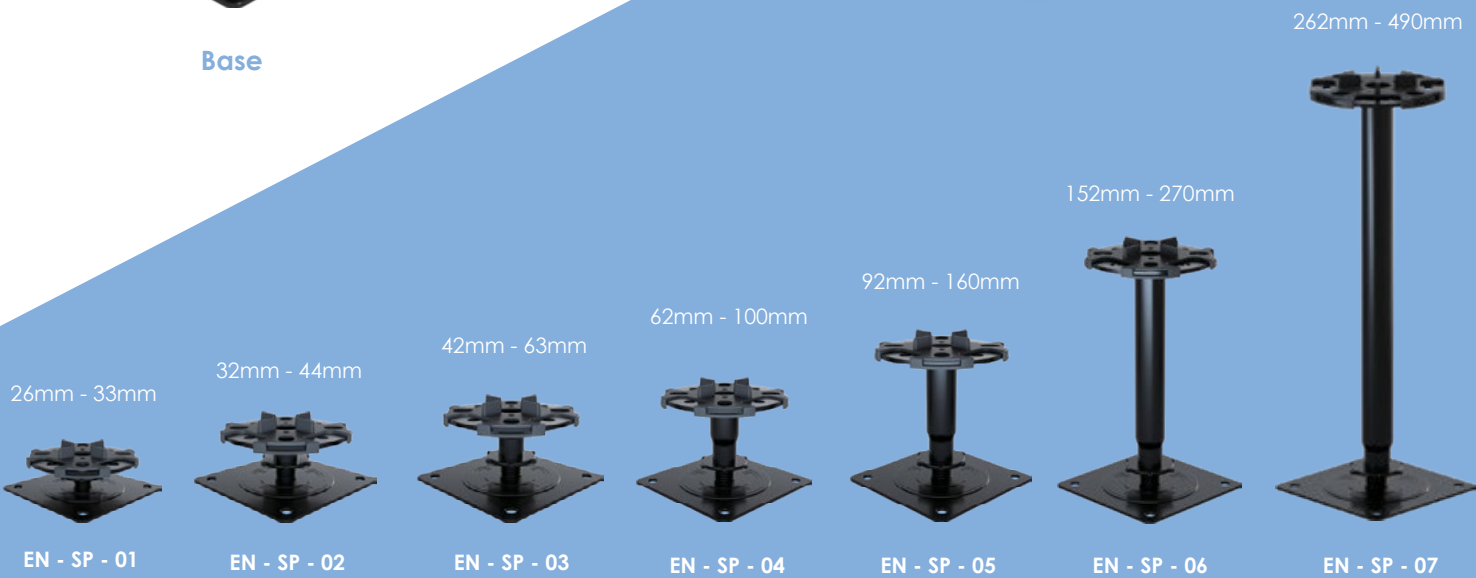
Fixed Head for Tile



Fixed Head for Joist



Base










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 |

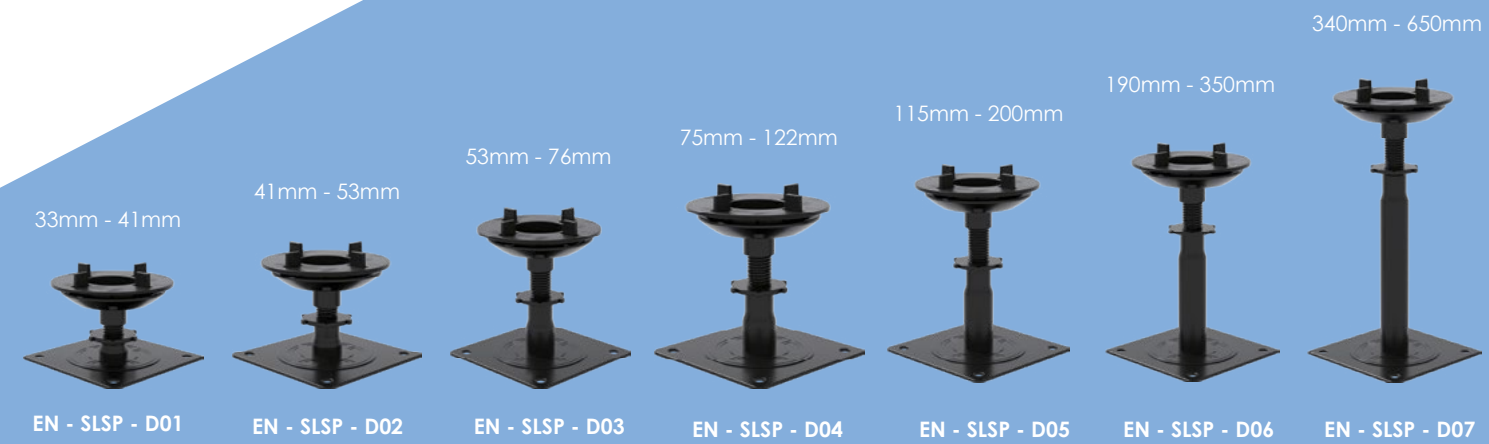
STEEL PEDESTAL

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










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

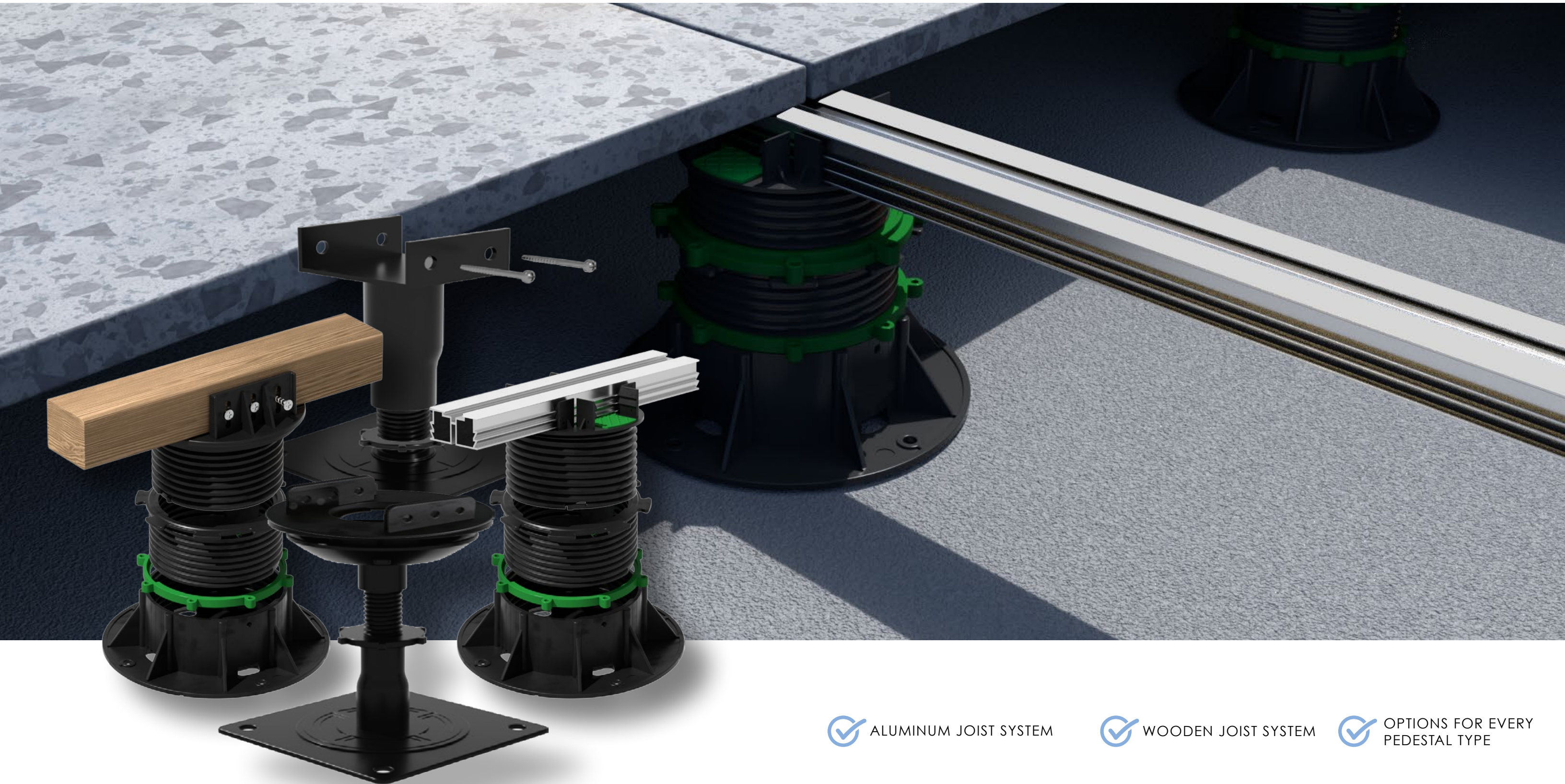
PARTS LIST

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.



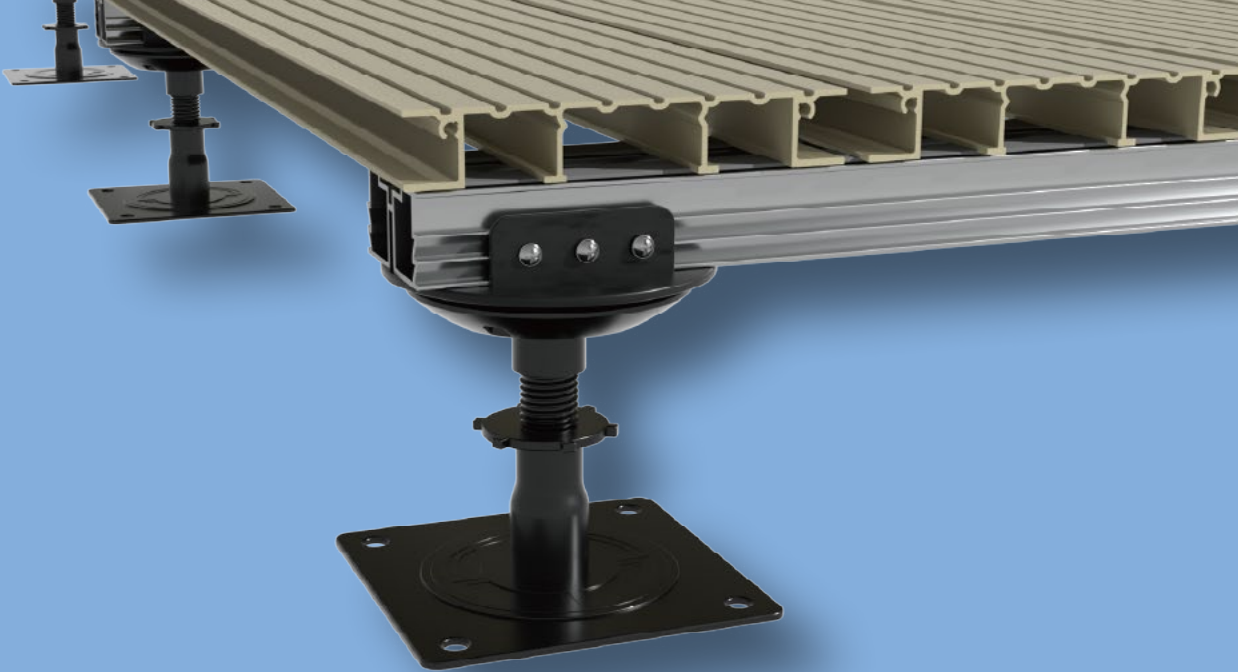
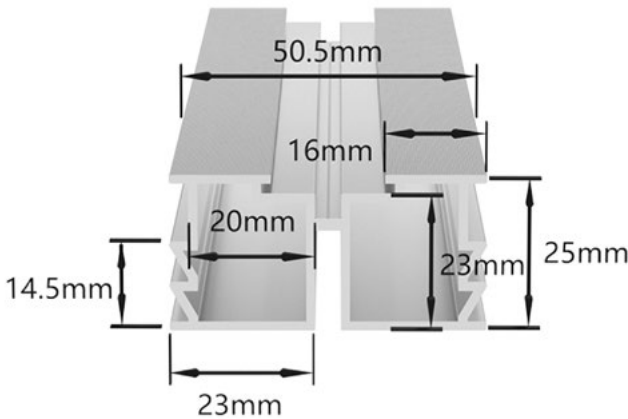
✓ ALUMINUM JOIST SYSTEM

✓ 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 alumonum joist setup is fast and provides added safety and load bearing capability.

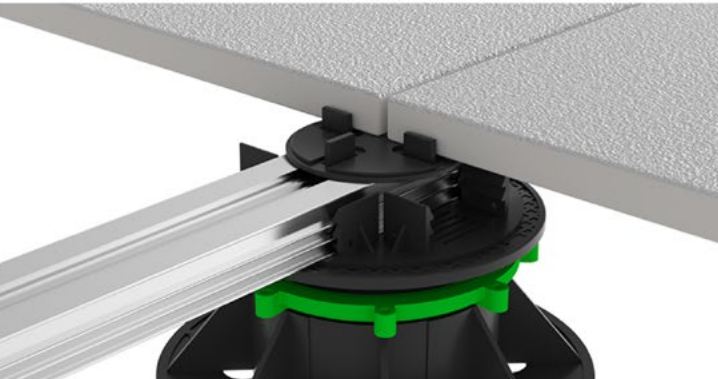
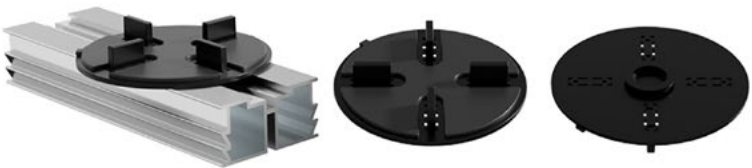


ACCESSORIES

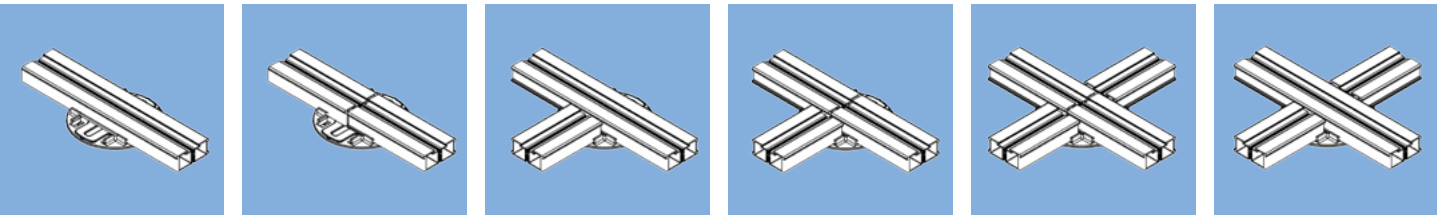
CLIP SYSTEM FOR WOOD PLANKS



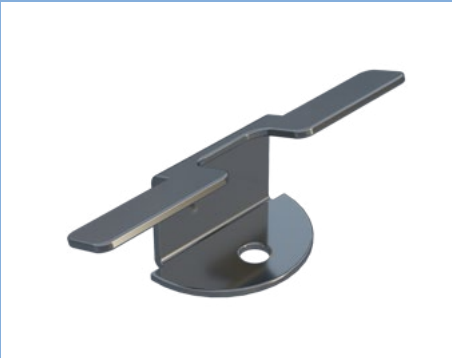
SPACER TAB HEADS FOR PAVER TILE DECKING



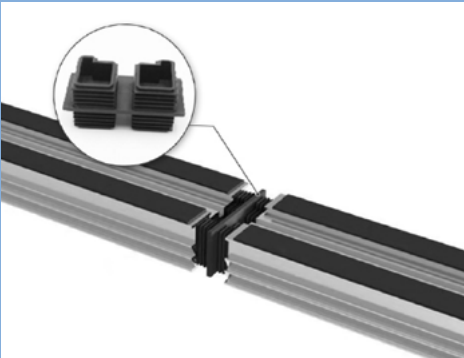
INTERSECTION OPTIONS



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

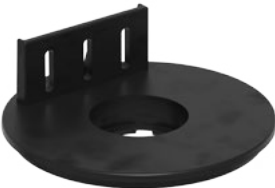
ADVANTAGES

- ✓ **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

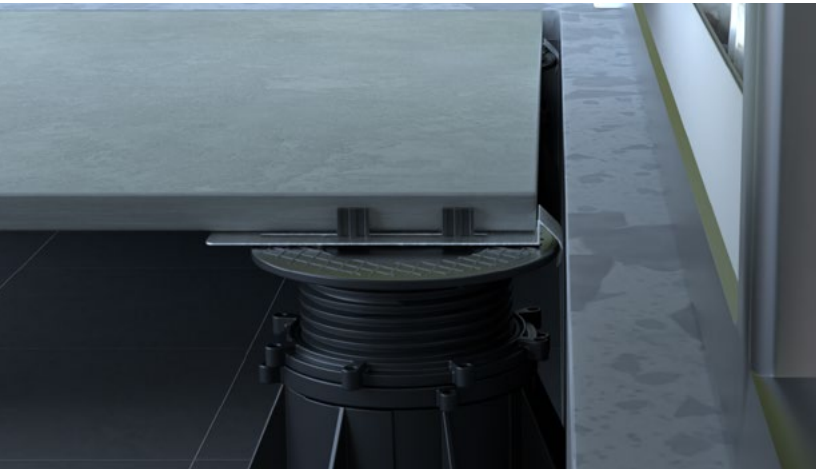


Non-Combustible Steel
Pedestal Fixed Head for
Wood Joist



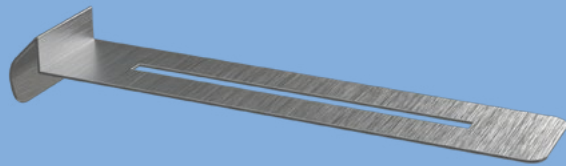
Non-Combustible
Steel Pedestal
Self-Levelling Tab for
Wood Joist

PERIMETER PROFILES



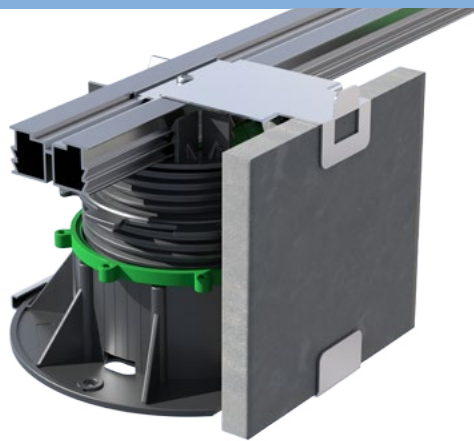
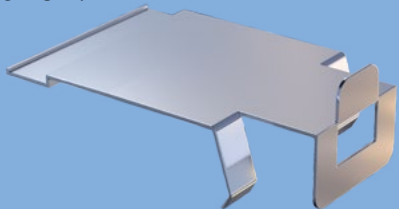
STEEL PERIMETER EDGE CLIP

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



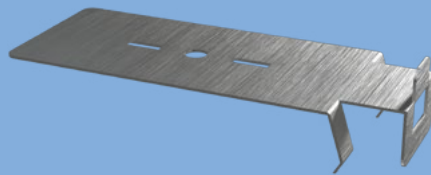
STEEL TOP VERTICAL CLOSURE CLIP (TYPE 1)

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



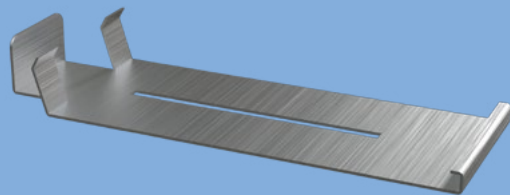
STEEL TOP VERTICAL CLOSURE CLIP (TYPE 2)

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



STEEL BOTTOM VERTICAL CLOSURE CLIP

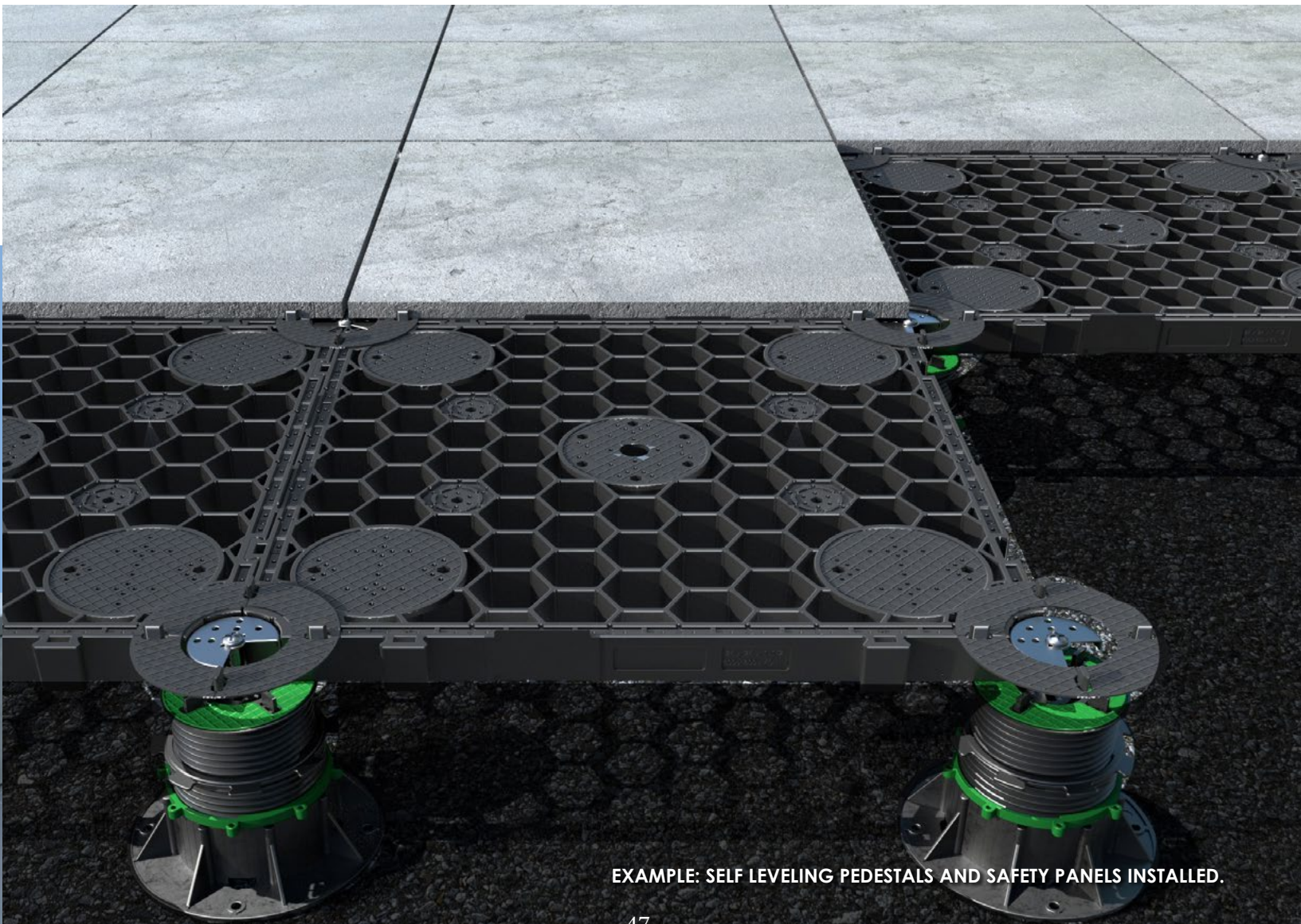
One clip is attached to the pedestal base, providing vertical closure gap elimination.



SAFETY PANELS

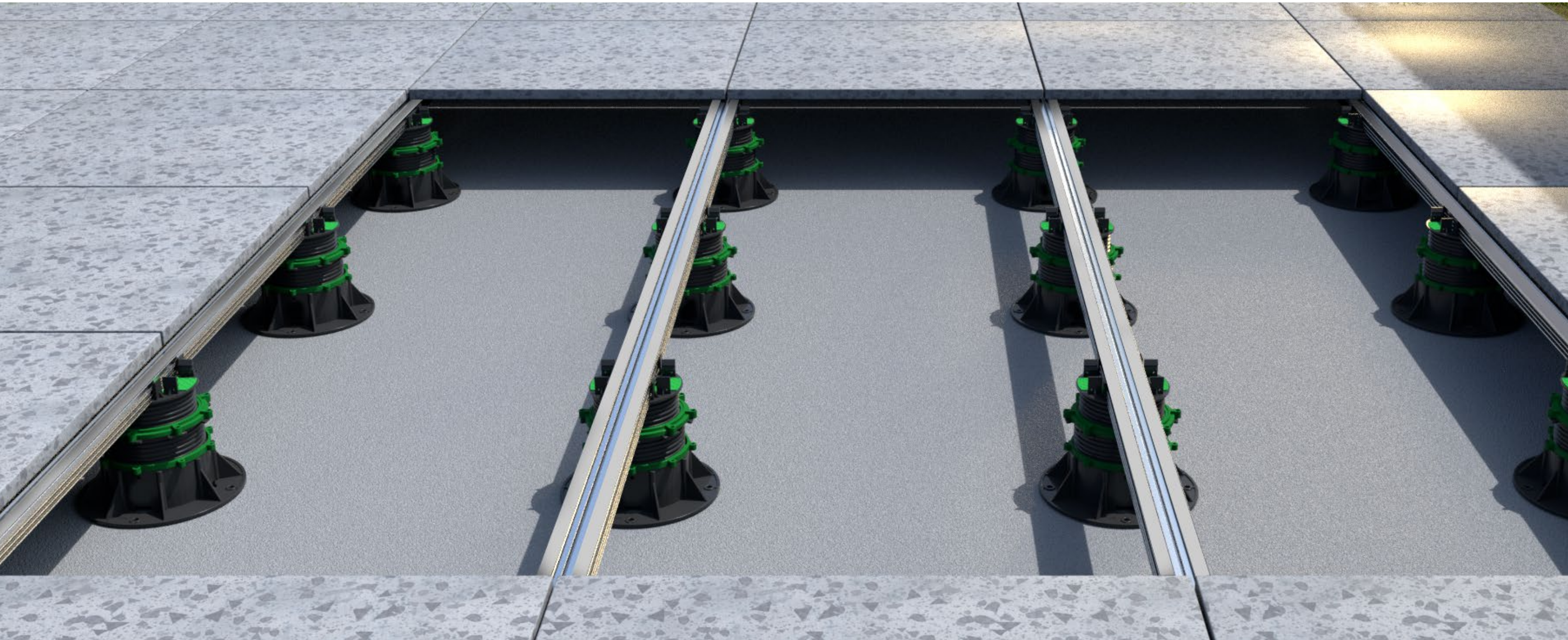
WINDPROOFING & CATCH PLATE

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

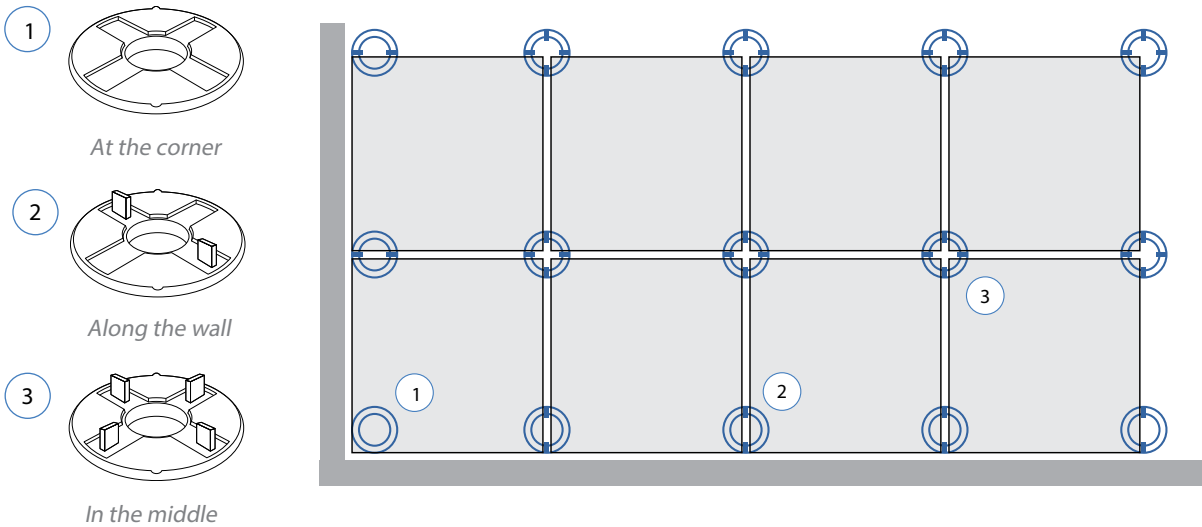
Clean the existing surface and check that the solid substrate is level to the right type of pedestal. If substrate is concrete it must be dry and cured. If laying on sand or gravel consider using a concrete base to improve stability.



3

SECURE SPACER TABS

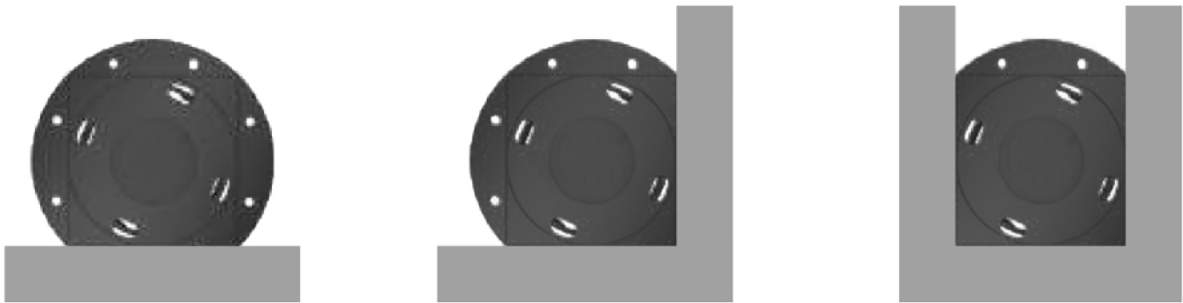
Spacer tabs can be broken off to accomodate the number of tiles and relation to walls and edges.



2

TRIM PEDESTAL BASES

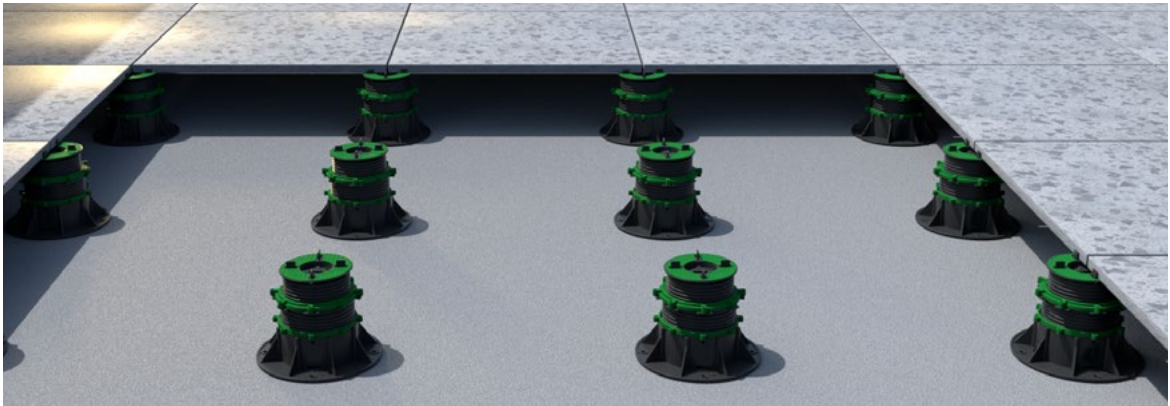
Plastic pedestal bases are scored on the bottom to allow for easy cutting to achieve a straight edge against walls corners or edges.



4

ARRANGE THE PEDESTALS IN ROWS

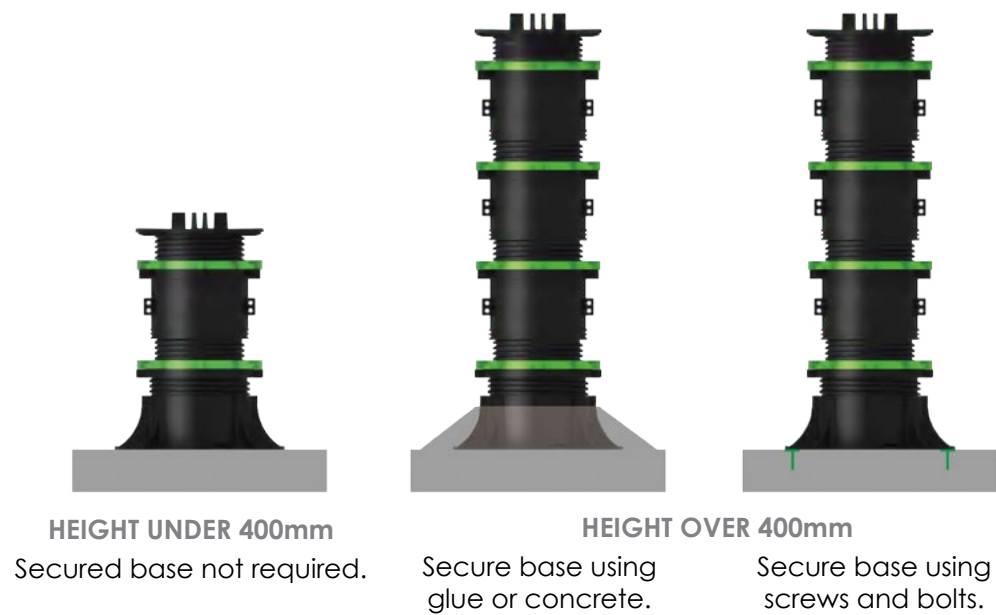
Using a grid system (see page 48) space and align the pedestals to cover the raised flooring area.



5

SECURE BASES

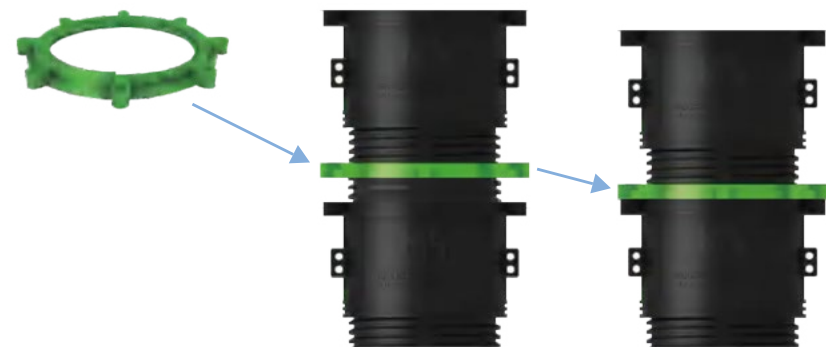
Ensure stability by securing the bases to the substrate. We recommend using a concrete, glue or screw method for pedestals over the height of 400mm.



6

LOCK FIX COLLAR

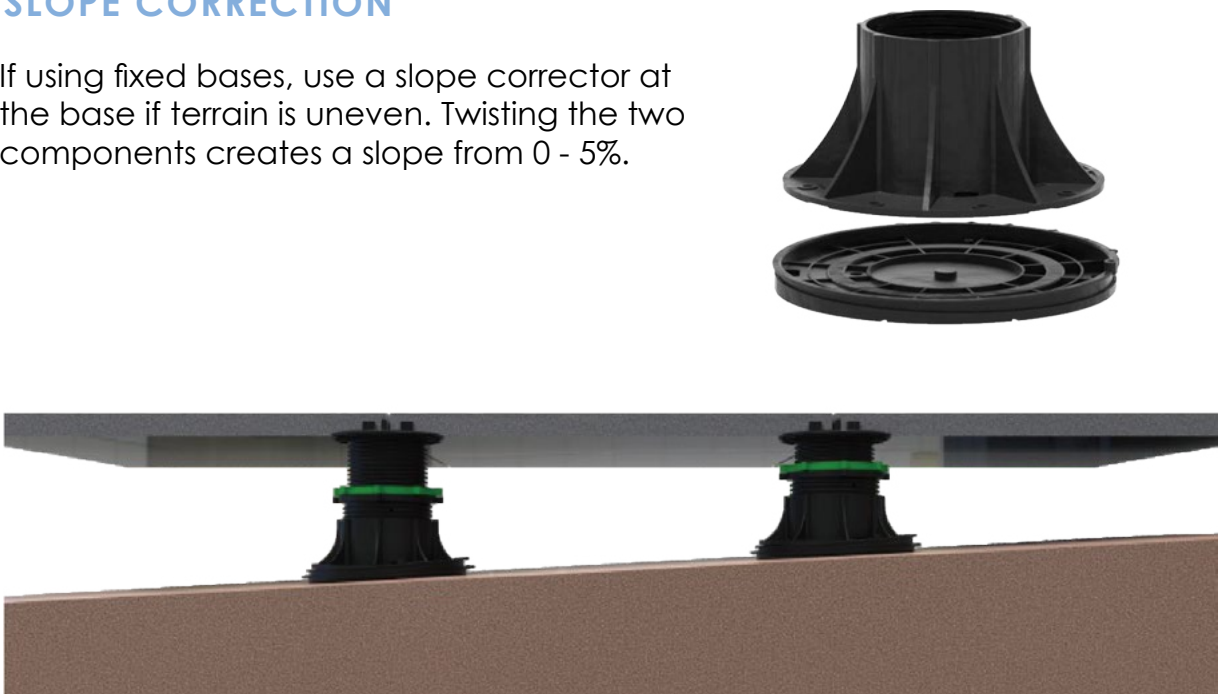
Once height is determined, twist the fix collar to the base of the upper module, securing the modules together .



7

SLOPE CORRECTION

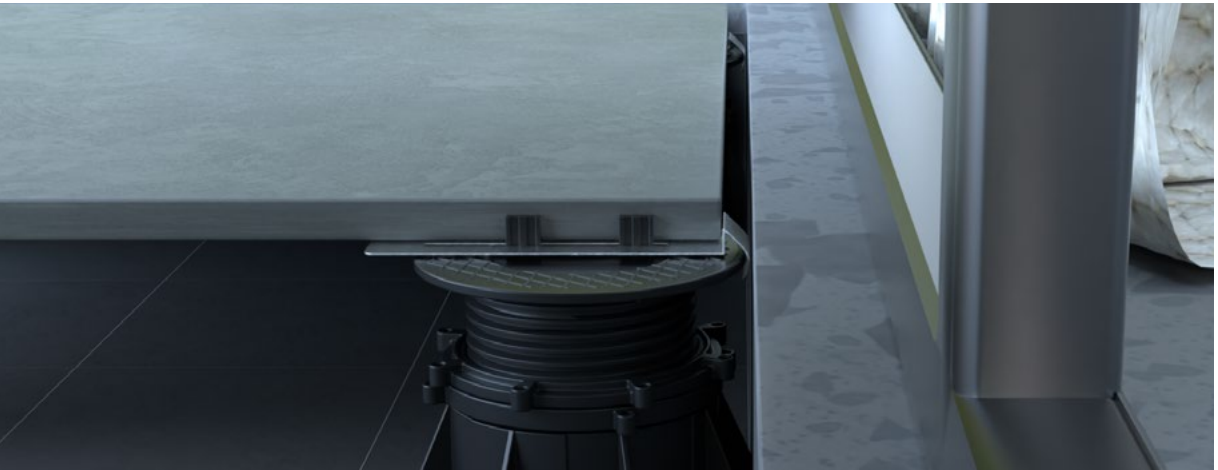
If using fixed bases, use a slope corrector at the base if terrain is uneven. Twisting the two components creates a slope from 0 - 5%.



8

PLACE PERIMETER CLIPS

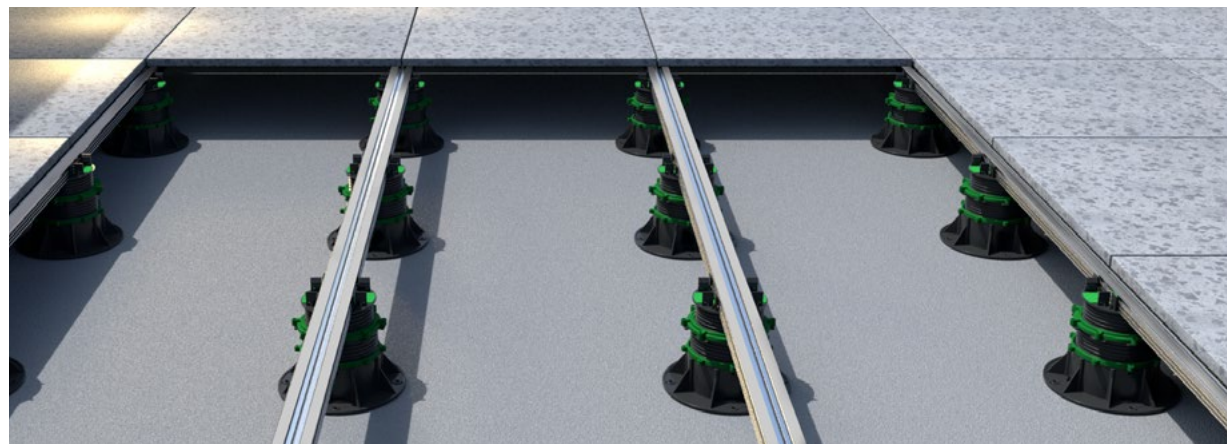
Ensure even spacing from walls and edges with perimeter clips.



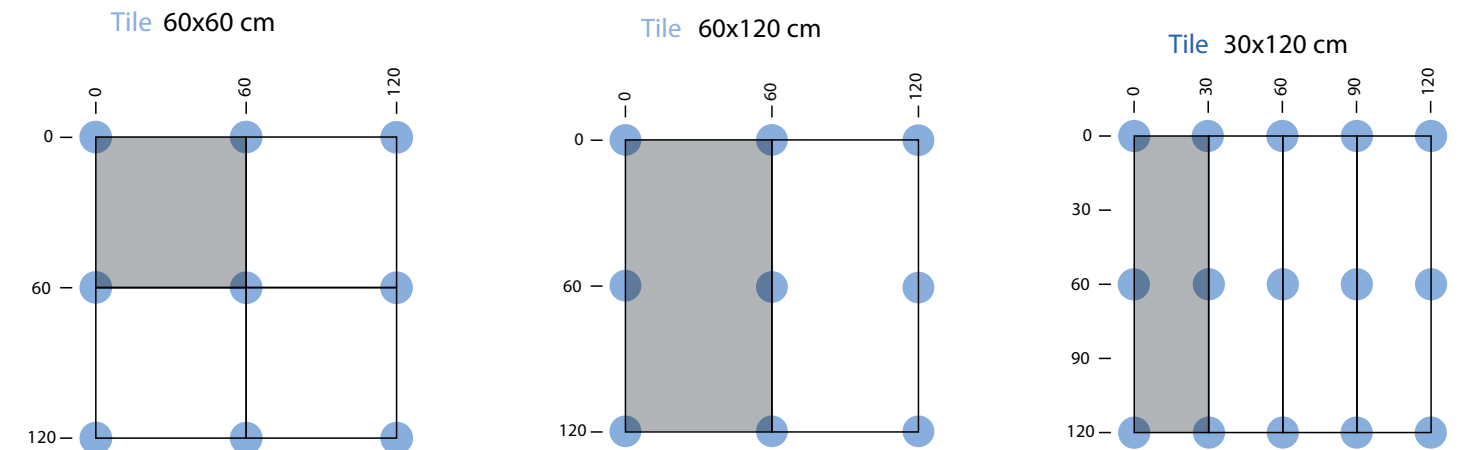
9

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.



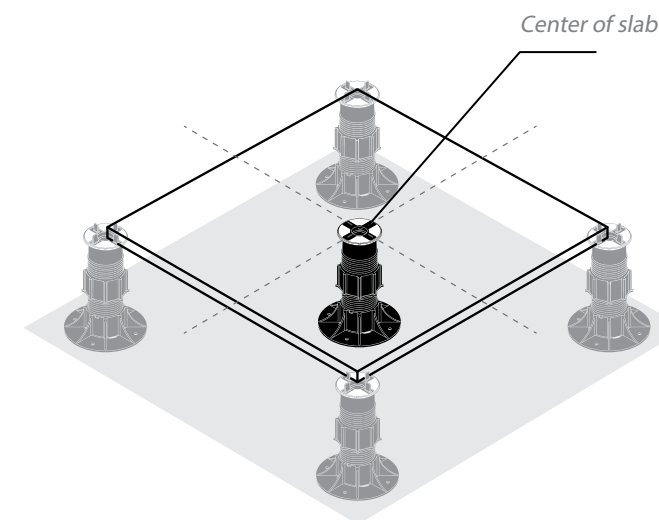
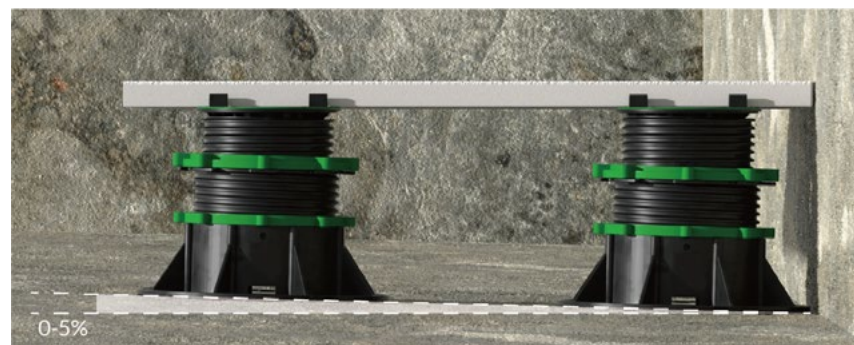
PLACEMENT ACCORDING TO SLAB SIZE



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

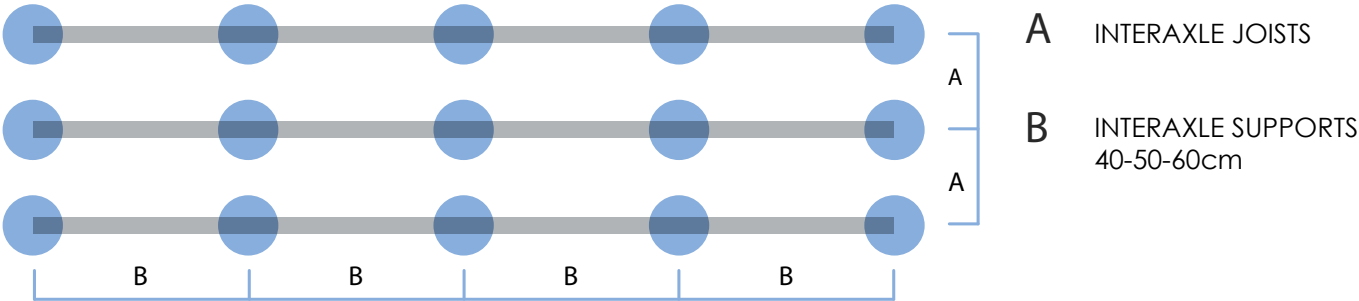
For any application using tiles larger than 32"x32" we recommend the use of a "Central Support" pedestal to be placed at the center of the slab to give greater resistance to the floor.

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

1

STEP 1:

Determine interaxle spacing between joists and pedestals.



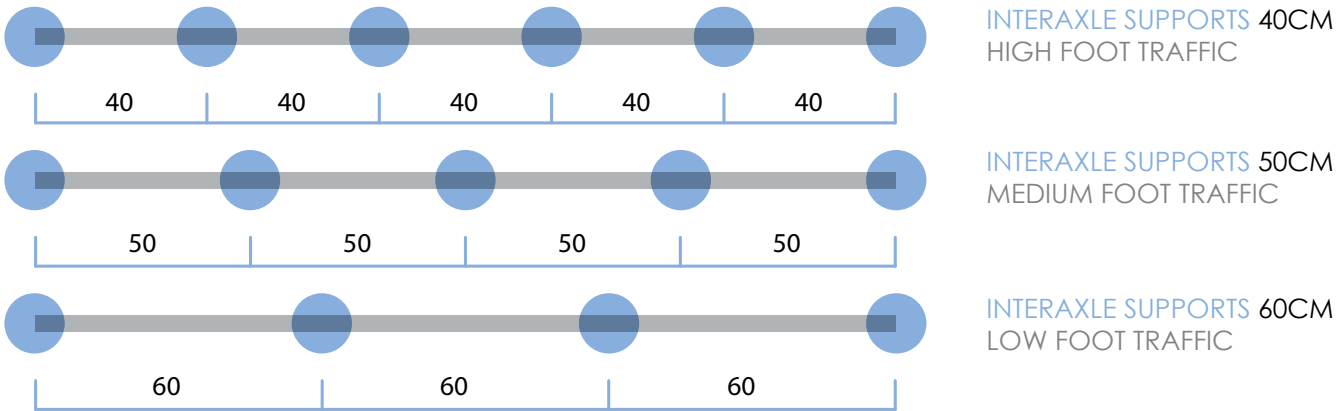
| ALUMINIUM JOIST 300 CM | INTERAXLE JOIST A | TILE DIMENSION | JOIST PER SQUARE FOOT | SPACER TABS PER SQUARE FT |
|------------------------|----------------------|----------------|--------------------------|------------------------------|
| | 30 cm | 30 x 60 cm | 0.11 | 0.58 |
| | 40 cm | 30 x 120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

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

2

STEP 2:

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



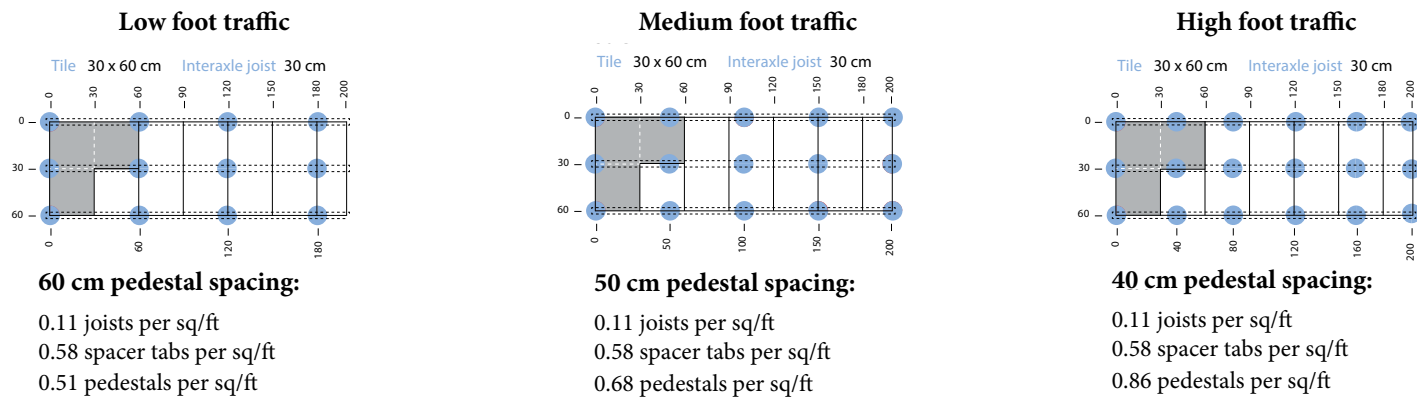
| INTERAXLE SUPPORTS B | INTERAXLE JOIST A | PEDESTALS PER SQUARE FOOT |
|------------------------------|----------------------|---------------------------|
| 40 cm HIGH FOOT TRAFFIC | 30 cm | 0.86 |
| | 40 cm | 0.64 |
| | 60 cm | 0.43 |
| 50 cm MEDIUM FOOT TRAFFIC | 30 cm | 0.68 |
| | 40 cm | 0.51 |
| | 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% overage in their quantities as these calculations are estimates.

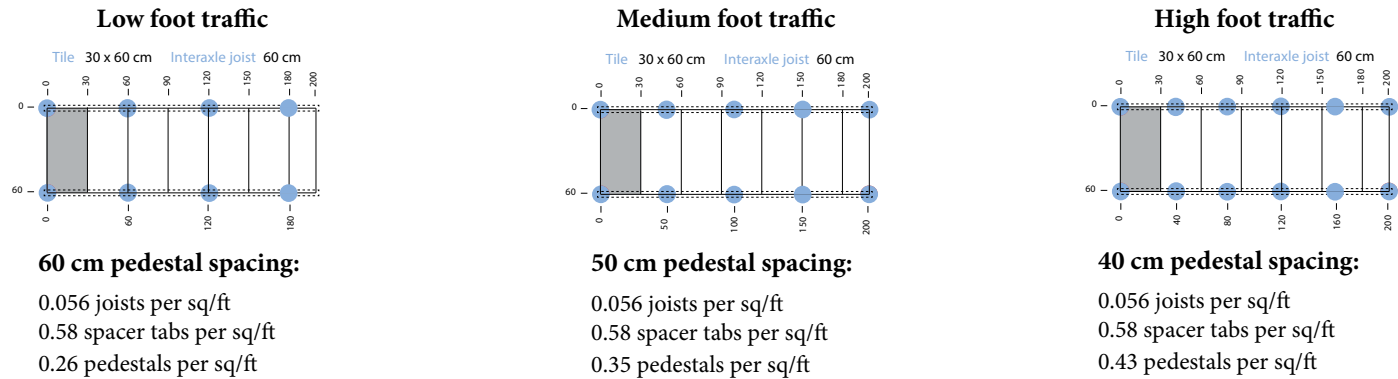
HOW TO CALCULATE THE NUMBER OF JOISTS, PEDESTALS, AND SPACER TABS
FOR PORCELAIN PAVERS AND PLANKS

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

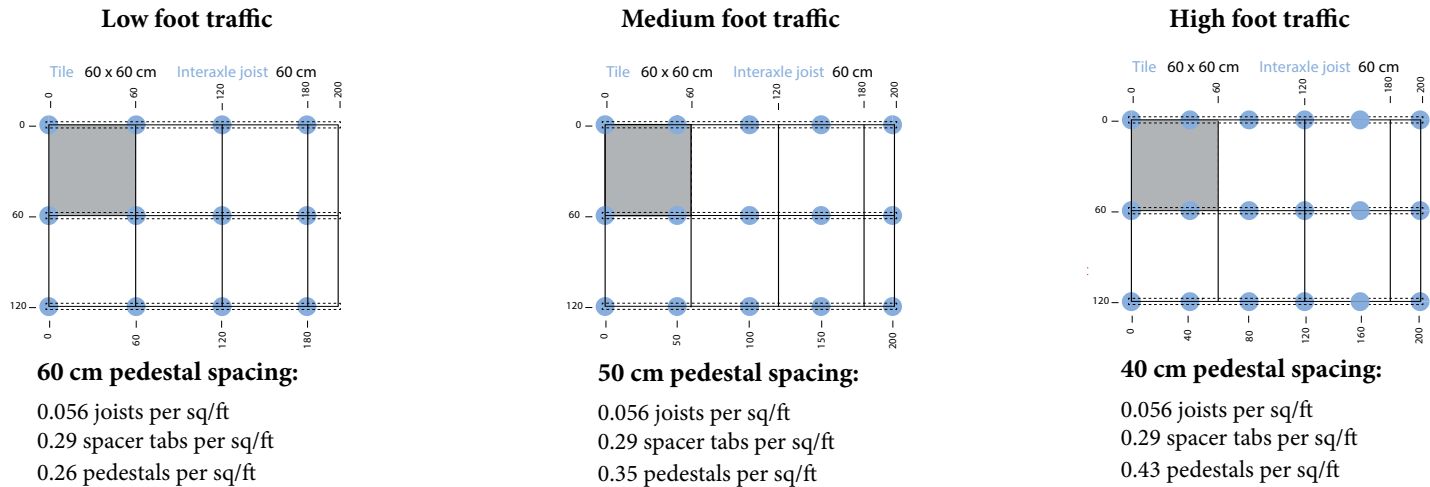
30 x 60 cm paver 30 cm interaxle spacing between joists



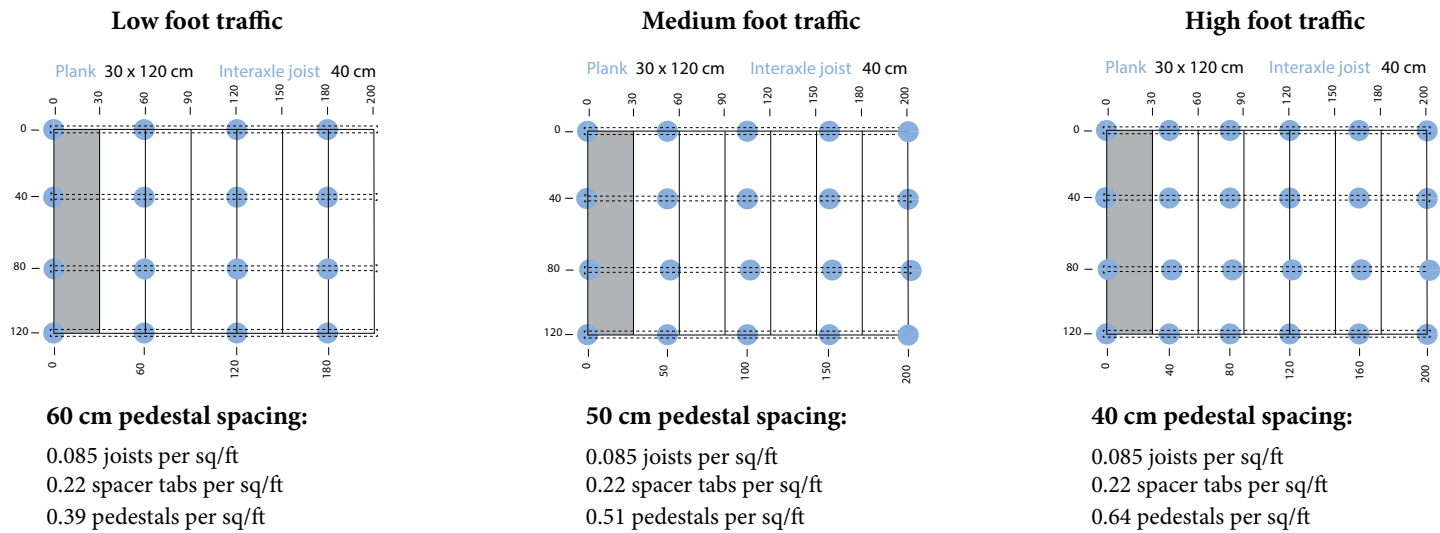
30 x 60 cm paver 60 cm interaxle spacing between joists



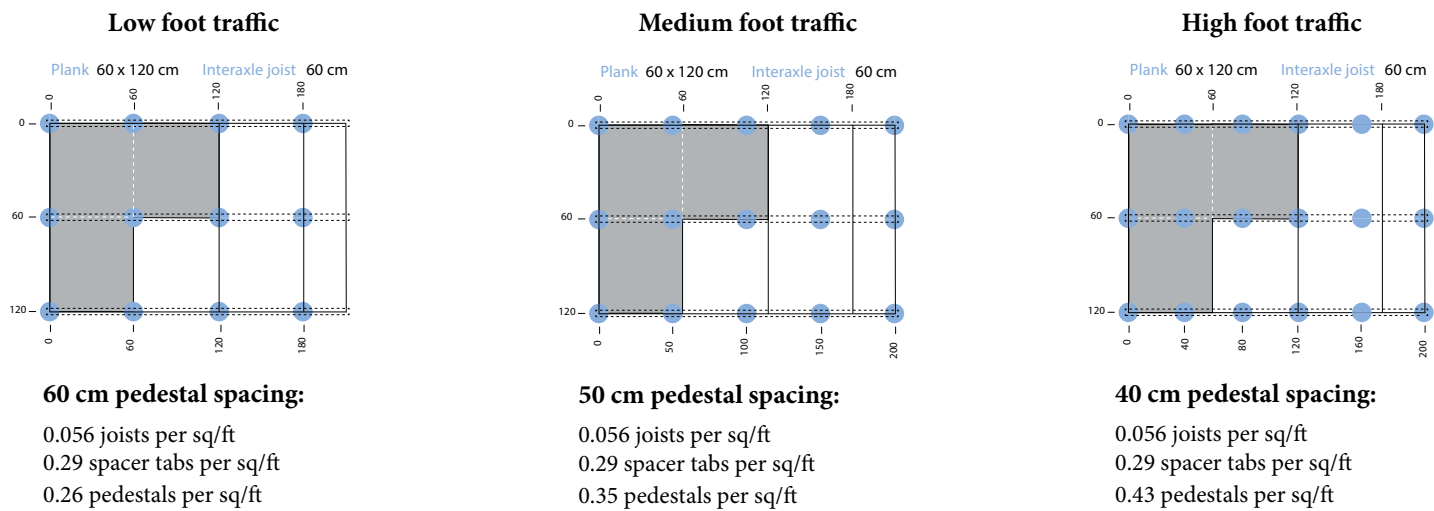
60 x 60 cm paver 60 cm interaxle spacing between joists



30 x 120 cm paver 40 cm interaxle spacing between joists

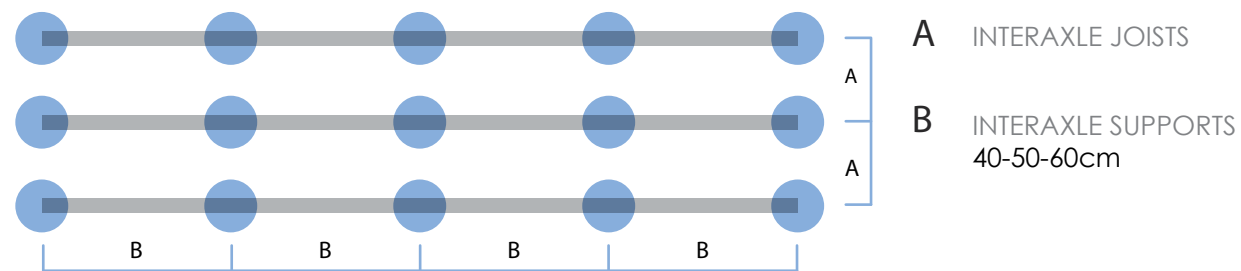


60 x 120 cm paver 60 cm interaxle spacing between joists



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 |

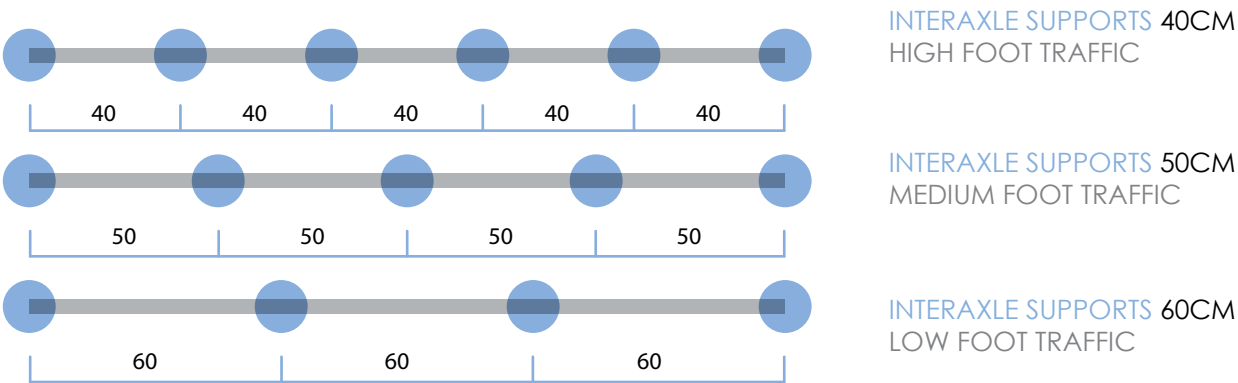
We recommend the installer account for 15-20% overage in their quantities as these calculations are estimates.

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% overage 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 |



CONTACT INFO ■

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www.enmon.ca

