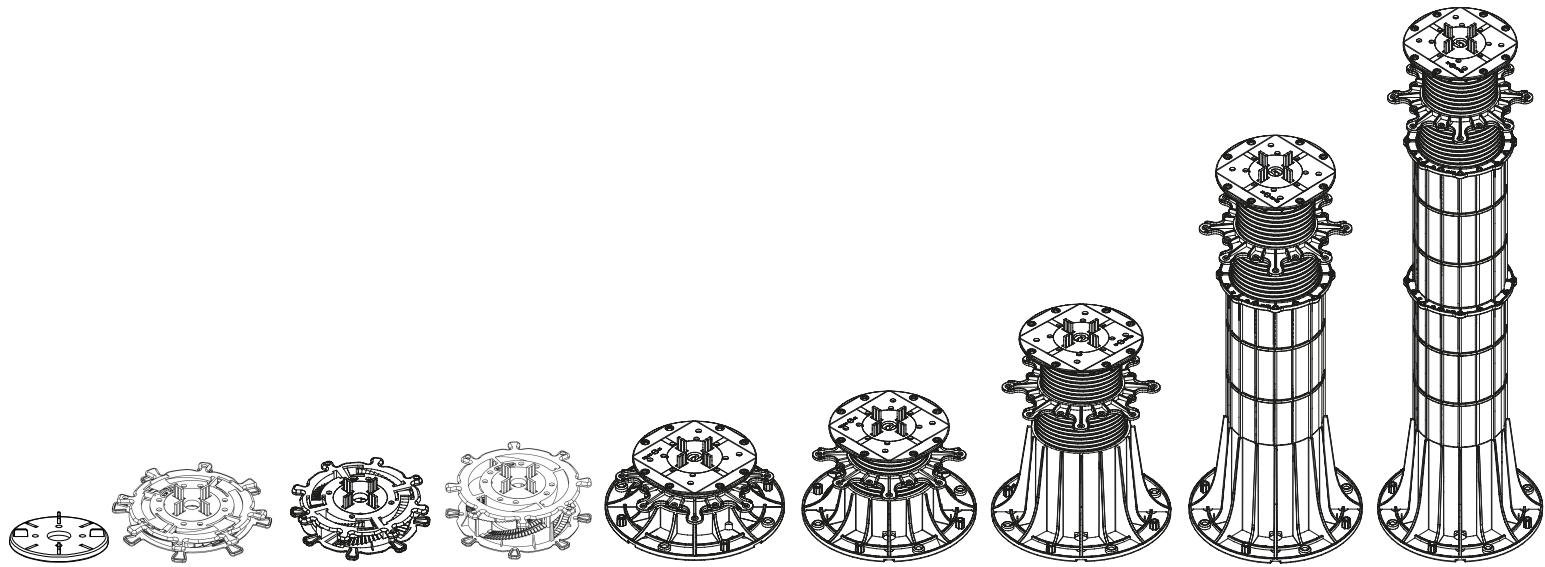




SKYJACK PEDESTALS

ADJUSTABLE PEDESTAL SYSTEM by SKYDECK USA



ADJUSTABLE HEIGHT PEDESTALS

FOR ELEVATING ALL VARIETIES AND LOCATIONS OF TERRACE DECKING

DETAIL MANUAL



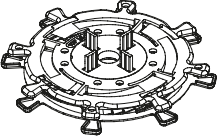
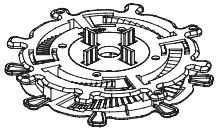
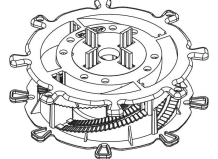
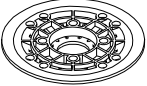
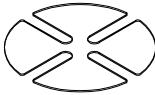
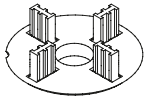
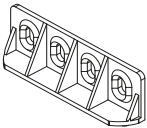
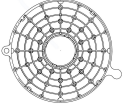
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COMPONENTS LIST

SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

www.skydeckusa.com
info@skydeckusa.com

	ADJUSTABLE PEDESTAL SD-XXS	ADJUSTABLE PEDESTAL SD-XXS is made up of a top piece and bottom piece that sit on top of one another. Twist 8 ergonomic handles to adjust height in 1mm increments. SD-XXS height adjusts from 3/8" - 5/8".
	ADJUSTABLE PEDESTAL SD-XS	ADJUSTABLE PEDESTAL SD-XS is made up of a top piece and bottom piece that sit on top of one another. Twist 8 ergonomic handles to adjust height in 1mm increments. SD-XS height adjusts from 5/8" to 1-1/4".
	ADJUSTABLE PEDESTAL SD-S	ADJUSTABLE PEDESTAL SD-S is made up of a top piece and bottom piece that sit on top of one another. Twist 8 ergonomic handles to adjust height in 1mm increments. SD-S height adjusts from 1-1/4" to 2"
	ADJUSTABLE PEDESTALS SD-M, SD-L, SD-XL	SD-M ADJUSTABLE PEDESTAL - 1.75" - 3" SD-L ADJUSTABLE PEDESTAL - 3" - 6" SD-XL ADJUSTABLE PEDESTAL - 6" - 13.75" Each pedestal comes in one assembled piece with spacer tabs in a separate bag. Height adjustments can be made by twisting the ergonomic handles, using the hand tool or using the drill bit tool.
 	SELF LEVELING HEAD DOWN (VIEW) SD-XL-SLH SELF LEVELING HEAD UP (VIEW)	SELF LEVELING HEAD has upper and lower pieces. Lower piece is locked onto the top of the SCREW HEAD. The upper piece of self leveling head is then put into the lower part of the head. SELF LEVELING HEAD is for use on applications with slope. The SELF LEVELING HEAD is self changing and adjusted to level under load. Correction of slope 0-7%. Self-Leveling Head is compatible with all adjustable height SkyJack Pedestal sizes
	8" EXTENDER SLEEVE XL-EXT	EXTENDER SLEEVE is used to increase the height range of SKYJACK PEDESTALS. EXTENDER SLEEVE is screwed into pedestal threads in BASE with the PEDESTAL HEAD being applied onto the top of the sleeve. If pedestals have larger height than 21.75" it is recommended to apply steel strapping to stabilize pedestals.
	REGULATION SHIM SD-XL-SH2	REGULATION SHIM can be used to help compensate small differences in height of raised terrace pavers.
	SPACER TAB 3/16"	SPACER TAB to appoint installation gap dimension of 3/16". Spacer tabs snap onto pedestal head. Individual spacers can be removed for pedestal placement along patio perimeters. 1/8" Spacer Tabs available upon request
	DECK JOIST ADAPTER SD-AD	DECK JOIST ADAPTER snaps onto the top of any adjustable pedestal to accommodate deck joists.
	BASE SLOPE CORRECTOR SD-BSC	BASE SLOPE CORRECTOR snaps onto the bottom of SD-M, SD-L and SD-XL pedestals to correct slopes of up to 8%.



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PEDESTAL SD-XXS

SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

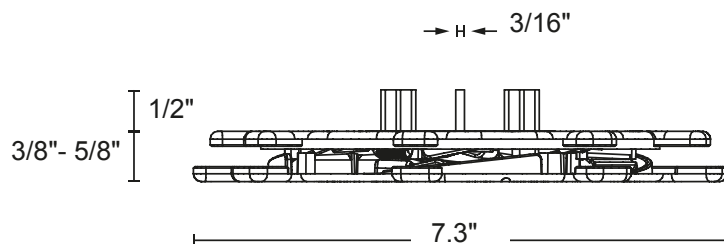
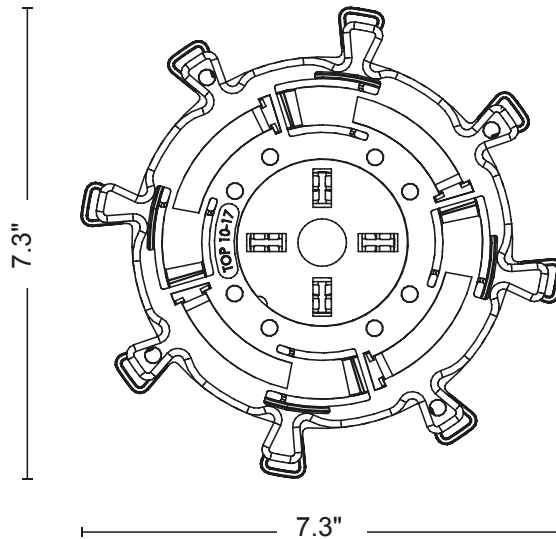
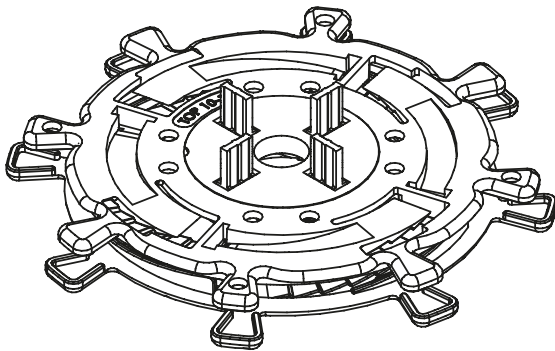
www.skydeckusa.com
info@skydeckusa.com

ADJUSTABLE PEDESTAL 3/8" - 5/8"

The SKYJACK ADJUSTABLE PEDESTAL SYSTEM offers varying height ranges from 3/8" up to 38".

SD-XXS Pedestal Components: Top screw and Bottom Screw labeled "top" and "bottom" sit on top of one another. The gap spacer snap onto the top piece. Height adjusts between 3/8" - 5/8"

SKYJACK ADJUSTABLE PEDESTALS allow for easy and efficient height adjustments and leveling of raised terraces. The width of the pedestal base provides sufficient stability for all construction with virtually any material paver or tile.



SKYJACK ADJUSTABLE PEDESTAL SD-XXS



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PEDESTAL SD-XS

SKYJACK PEDESTALS

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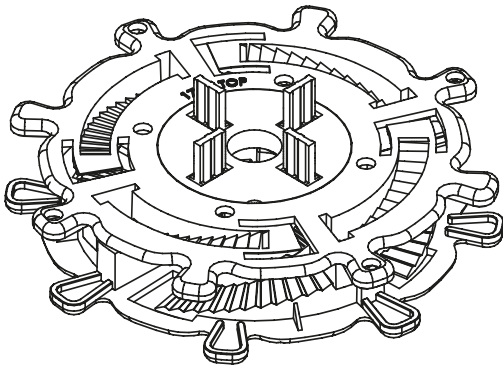
www.skydeckusa.com
info@skydeckusa.com

ADJUSTABLE PEDESTAL 5/8" - 1-1/4"

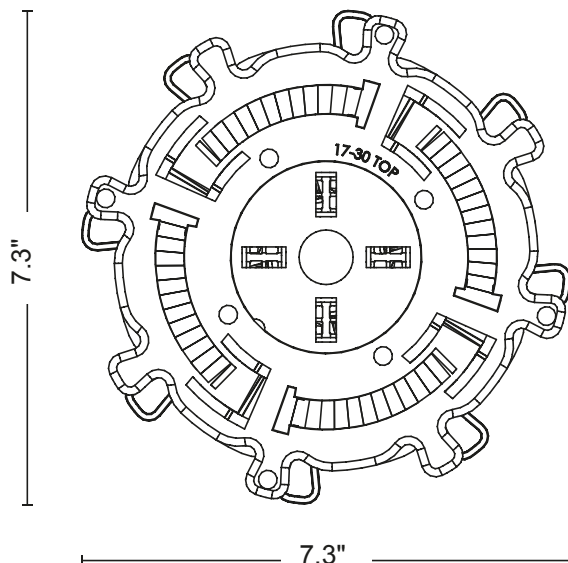
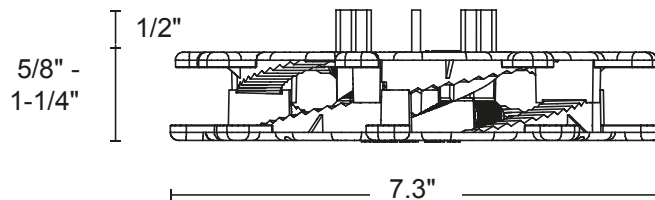
The SKYJACK ADJUSTABLE PEDESTAL SYSTEM offers varying height ranges from 3/8" up to 37.75".

SD-XS Pedestal Components: Top screw and Bottom Screw labeled "top" and "bottom" sit on top of one another. The gap spacer snap onto the top piece. Height adjustment from 5/8" to 1-1/4".

SKYJACK ADJUSTABLE PEDESTALS allow for easy and efficient height adjustments and leveling of raised terraces. The width of the pedestal base provides sufficient stability for all construction with virtually any material paver or tile.



→ H ← 3/16" gap spacer



SKYJACK ADJUSTABLE PEDESTAL SD-XS



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PEDESTAL SD-S

SKYJACK PEDESTALS

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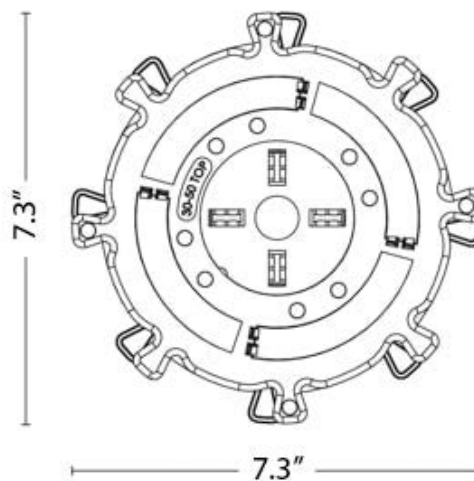
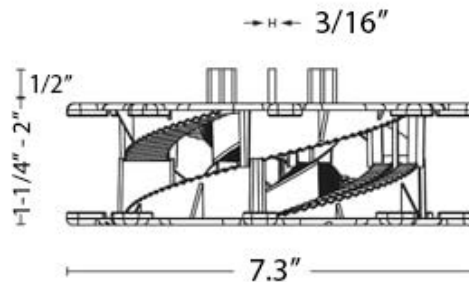
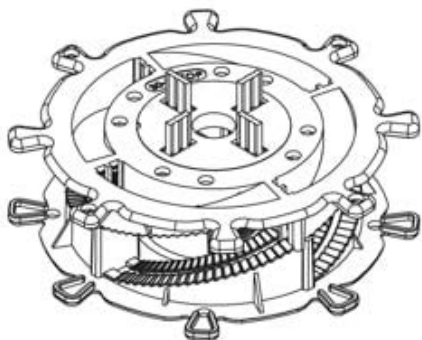
www.skydeckusa.com
info@skydeckusa.com

ADJUSTABLE PEDESTAL 1-1/4" - 2"

The SKYJACK ADJUSTABLE PEDESTAL SYSTEM offers varying height ranges between 3/8" - 13.75"

SD-S Pedestal Components: Top screw and Bottom Screw labeled "top" and "bottom" sit on top of one another. The gap spacer snap onto the top piece. Height adjusts from 1-1/4" - 2".

SKYJACK ADJUSTABLE PEDESTALS allow for easy and efficient height adjustments and leveling of raised terraces. The width of the pedestal base provides sufficient stability for all construction with virtually any material paver or tile.



SKYJACK ADJUSTABLE PEDESTAL SD-S



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ADJUSTABLE PEDESTAL

SD-M

SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

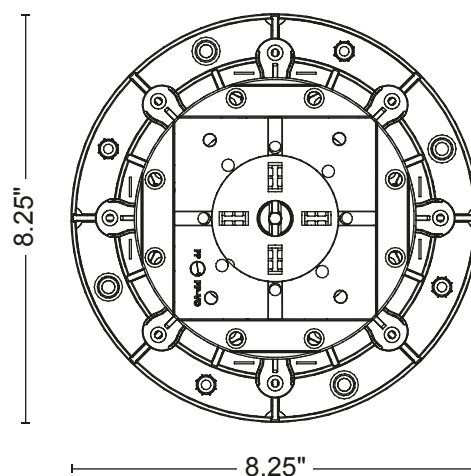
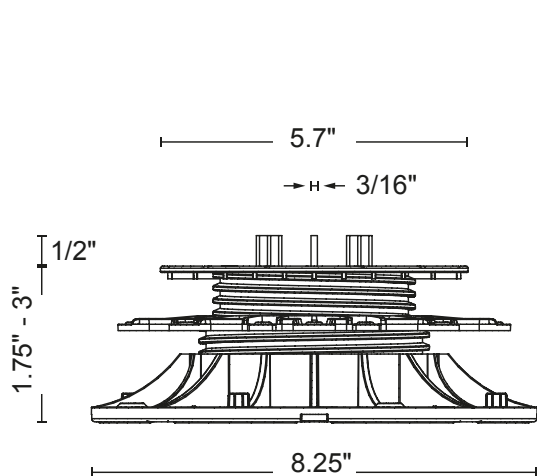
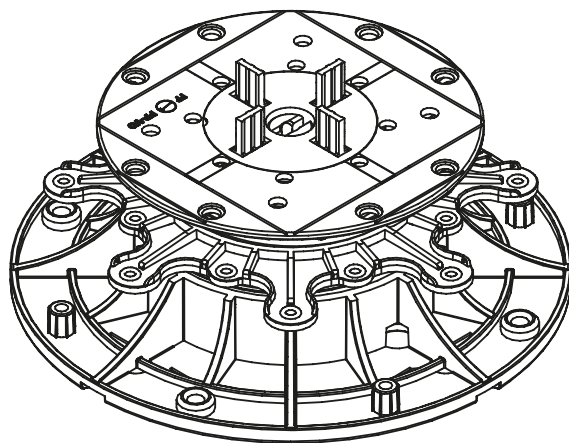
www.skydeckusa.com
info@skydeckusa.com

ADJUSTABLE PEDESTAL 1.75" - 3"

The SKYJACK ADJUSTABLE PEDESTAL SYSTEM offers varying height ranges between 5/8" - 13.75"

Pedestal Components: BASE - SCREW RING - SCREW - SPACER TAB

SKYJACK ADJUSTABLE PEDESTALS allow for easy and efficient height adjustments and leveling of raised terraces. The width of the pedestal base provides sufficient stability for all construction.



SKYJACK ADJUSTABLE PEDESTAL SD-M



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ADJUSTABLE PEDESTAL

SD-L

SKYJACK PEDESTALS

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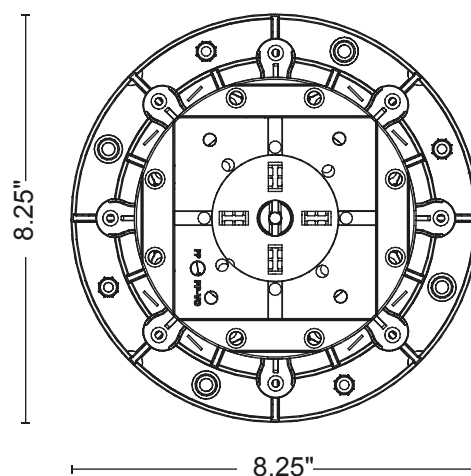
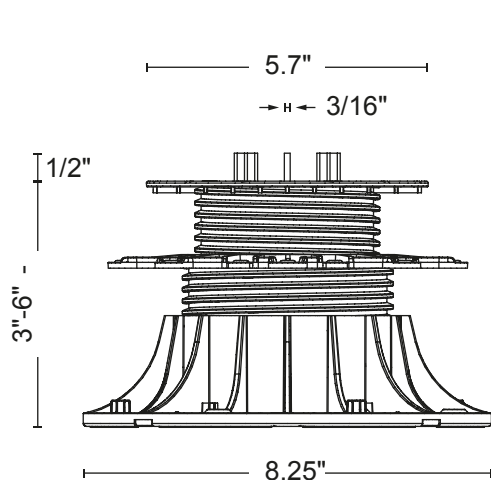
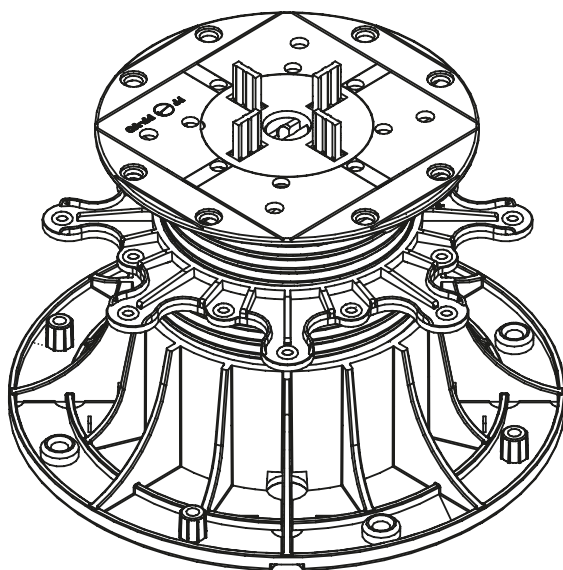
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info@skydeckusa.com

ADJUSTABLE PEDESTAL 3" - 6"

The SKYJACK ADJUSTABLE PEDESTAL SYSTEM offers varying height ranges between 5/8" - 13.75"

Pedestal Components: BASE - SCREW RING - SCREW - SPACER TAB

SKYJACK ADJUSTABLE PEDESTALS allow for easy and efficient height adjustments and leveling of raised terraces. The width of the pedestal base provides sufficient stability for all construction.



SKYJACK ADJUSTABLE PEDESTAL SD-L



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ADJUSTABLE PEDESTAL

SD-XL

SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

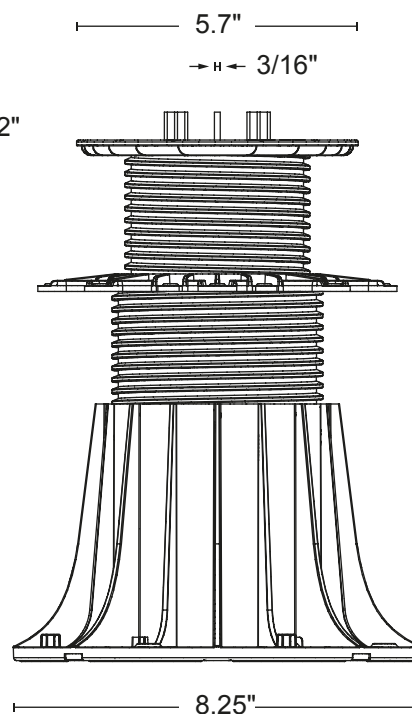
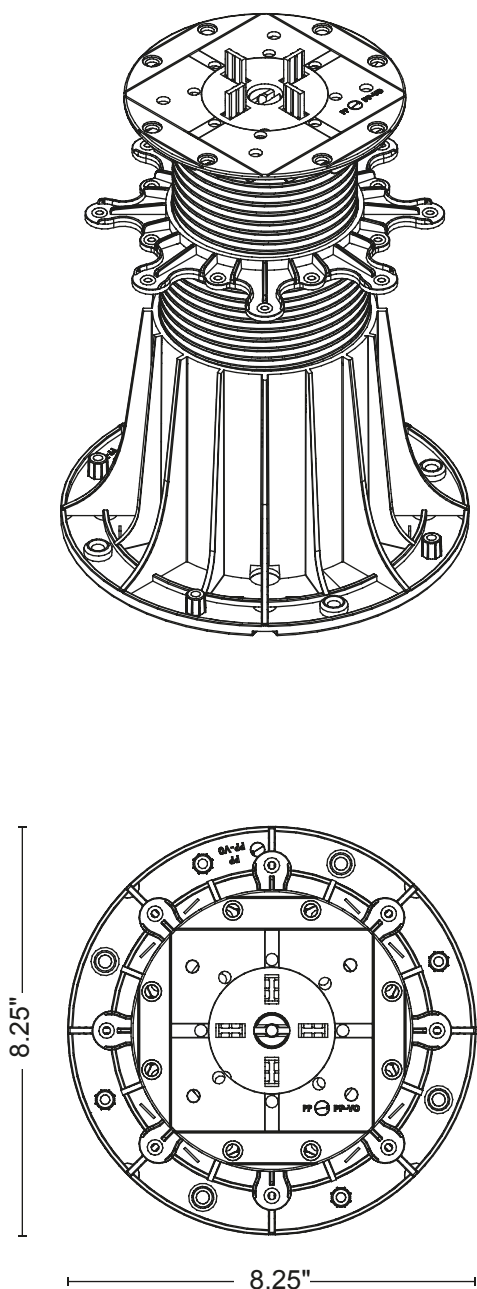
www.skydeckusa.com
info@skydeckusa.com

ADJUSTABLE PEDESTAL 6" - 13.75"

The SKYJACK ADJUSTABLE PEDESTAL SYSTEM offers varying height ranges between 5/8" - 13.75"

Pedestal Components: BASE - SCREW RING - SCREW - SPACER TAB

SKYJACK ADJUSTABLE PEDESTALS allow for easy and efficient height adjustments and leveling of raised terraces. The width of the pedestal base provides sufficient stability for all construction.



SKYJACK ADJUSTABLE PEDESTAL SD-XL



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REGULATION SHIM

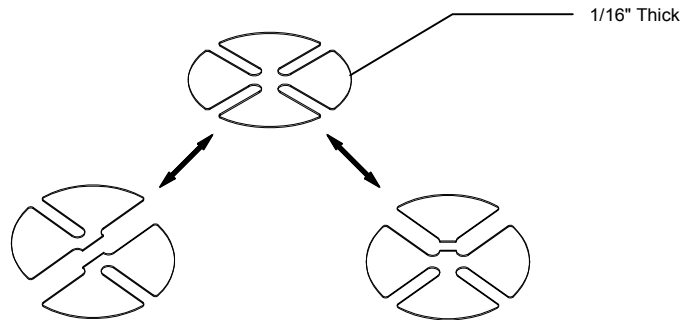
SD-XL-SH2

SKYJACK PEDESTALS

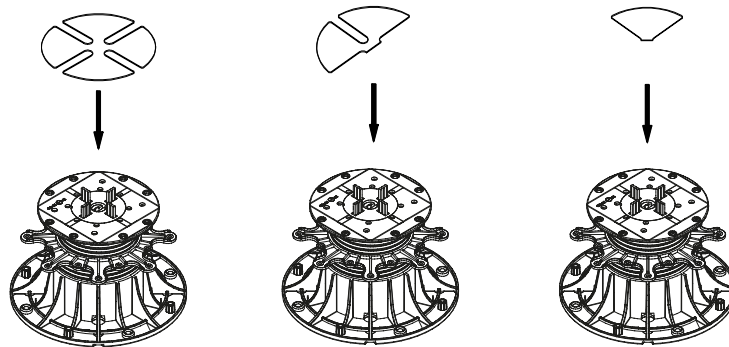
Adjustable Pedestal System by SKYDECK USA

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info@skydeckusa.com

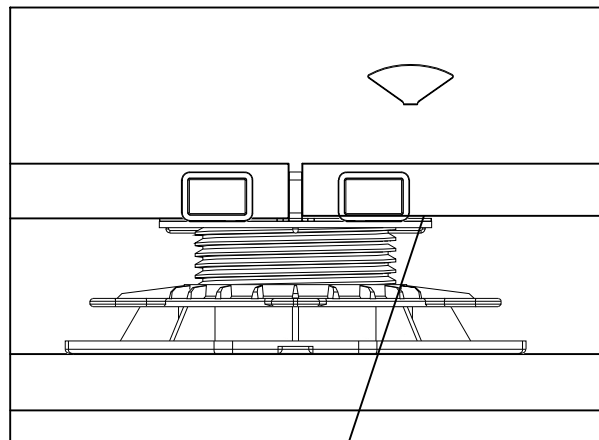
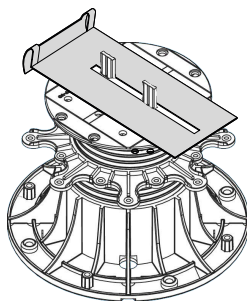
REGULATION SHIMS can be used to eliminate uneven pavers and to compensate small differences in height of terrace pavers.



REGULATION SHIMS can be easily cut to fit to use just halves or quarters.



SD-XL-SH2 shims should be used with SD-TS, SD-00 and all adjustable pedestals



REGULATION SHIM

SKYJACK REGULATION SHIM



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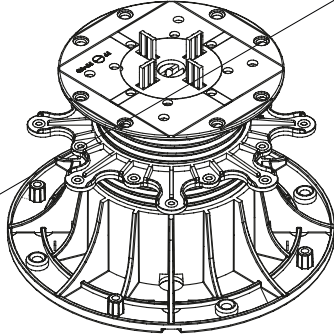
SKYJACK PEDESTALS
Adjustable Pedestal System by SKYDECK USA

WALL CLIP

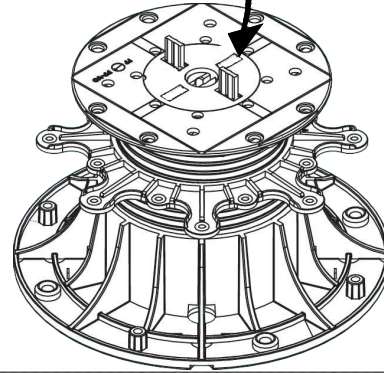
SD-WallClip

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info@skydeckusa.com

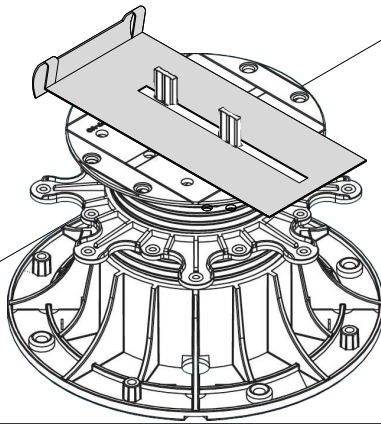
Place pedestal against the perimeter wall



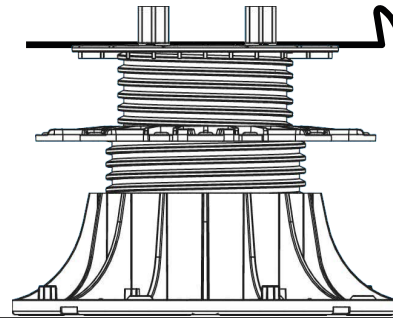
Snap off 2 parallel tabs



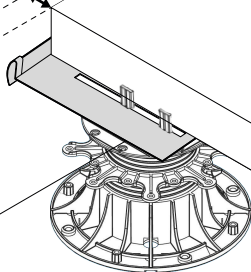
Place the wall clip
on top of the
pedestal



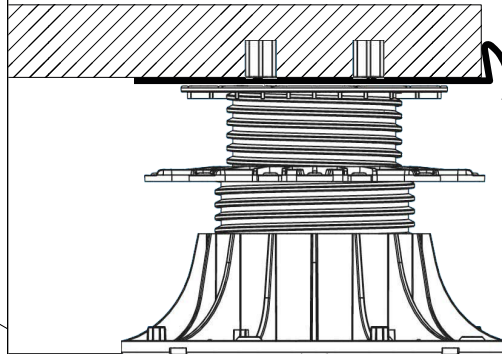
Side view of wall clip on pedestal



Wall clip maintains even
spacing along wall



Side view of paver on wall clip





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EXTENDER SLEEVE

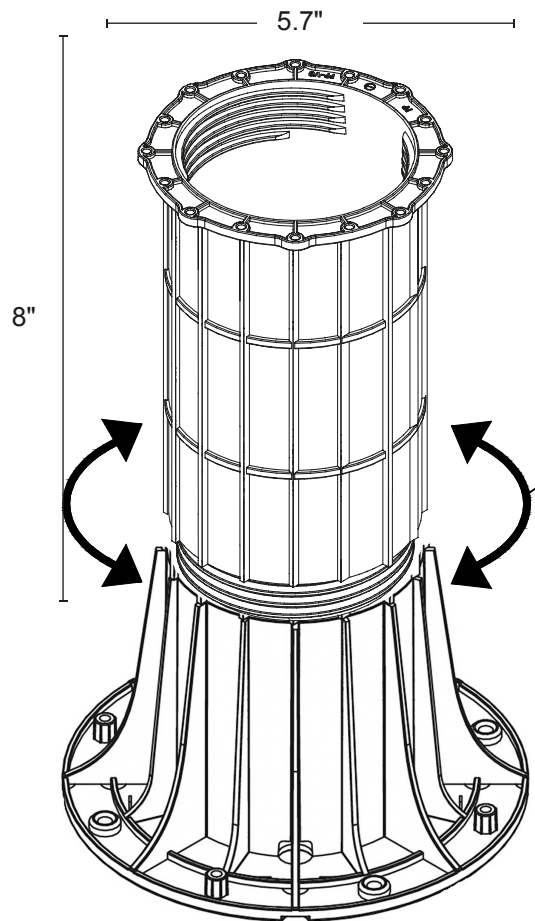
SD-XL-EXT

SKYJACK PEDESTALS

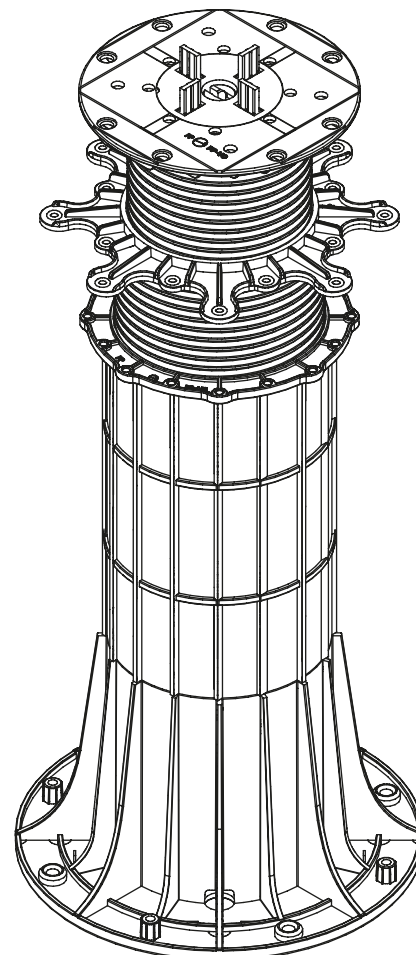
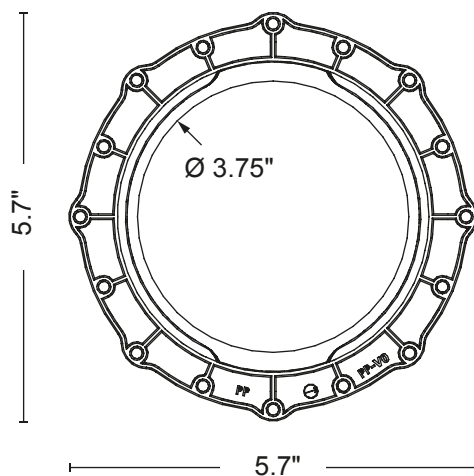
Adjustable Pedestal System by SKYDECK USA

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info@skydeckusa.com

EXTENDER SLEEVE is used to increase the height range of SD-XL SKYJACK PEDESTALS. EXTENDER SLEEVE is screwed into pedestal BASE and onto the top is applied the SCREW HEAD. If pedestals have larger height than 21.75" it is recommended to use skydeck usa steel strapping system to stabilize pedestals.



EXTENDER SLEEVE must be screwed into pedestals BASE.



SKYJACK EXTENDER SLEEVE - SD-XL-EXT



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Self-Leveling Head

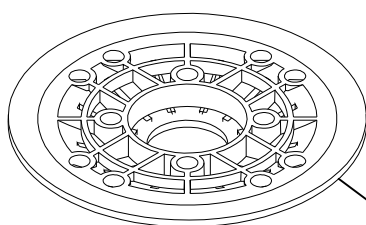
SD-XL-SLH

SKYJACK PEDESTALS

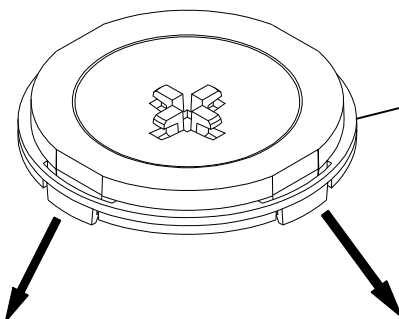
Adjustable Pedestal System by SKYDECK USA

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SKYJACK SELF LEVELING HEAD attaches to the top of the pedestal screw and can be utilized on all the different pedestal sizes. SKY JACK PEDESTALS with SELF LEVELING HEADS help compensate for terraces with sloped applications.

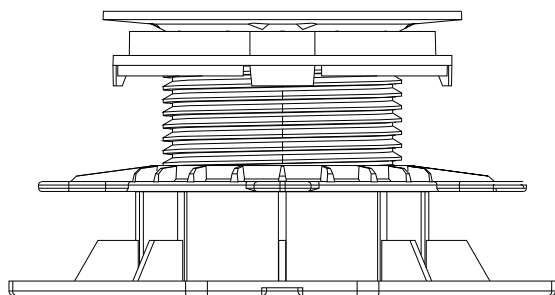


SELF LEVELING HEAD, top

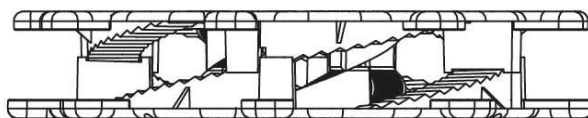


SELF LEVELING HEAD, bottom

Compatible with SD-M, SD-L and SD-XL Pedestals



Also compatible with SD-XXS, SD-XS and SD-S Pedestals



SKYJACK ADJUSTABLE PEDESTALS SD-XL-SLH SELF LEVELING HEAD



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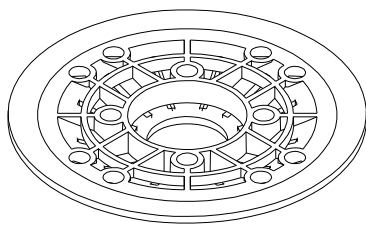
SELF LEVELING HEAD

SD-XL-SLH

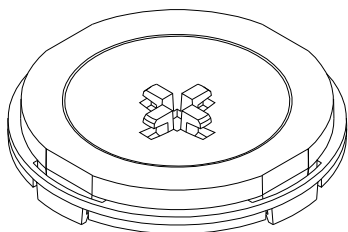
SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

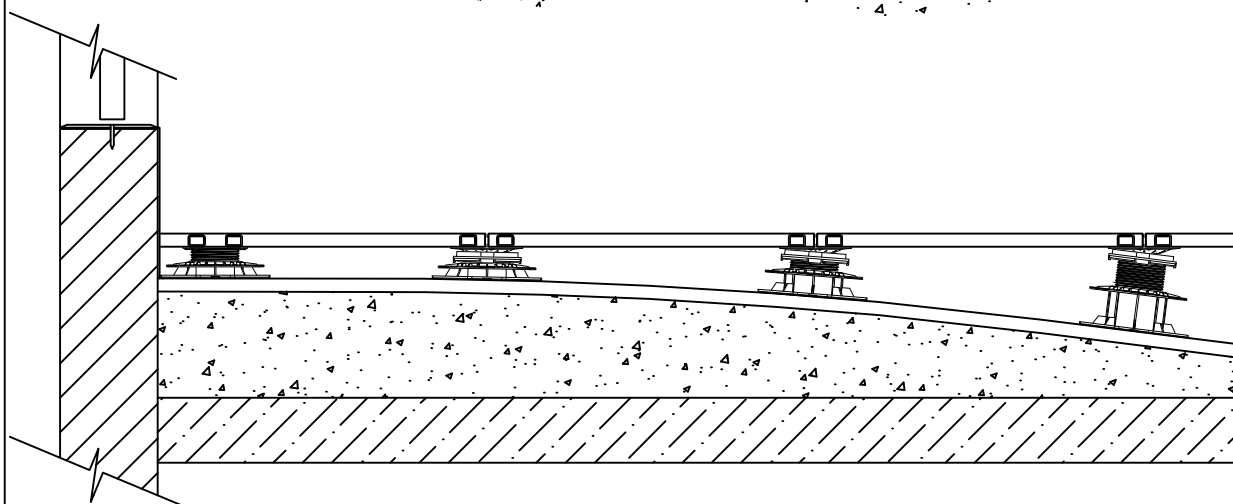
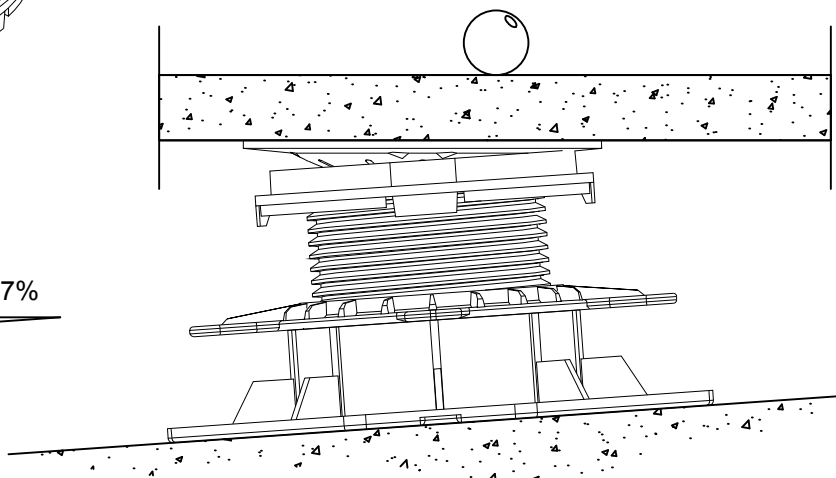
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info@skydeckusa.com



click!



correction of slopes 0-7%



SKYJACK SELF LEVELING HEAD - SD-SLH



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BASE SLOPE CORRECTOR

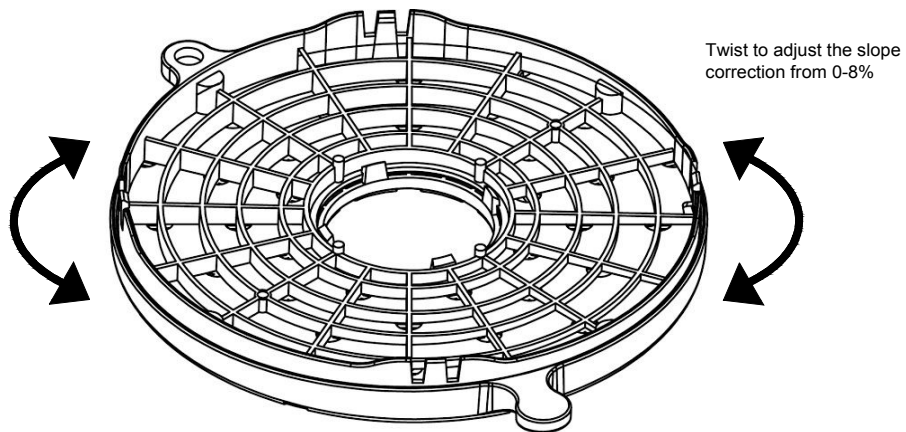
SD-SC

SKYJACK PEDESTALS

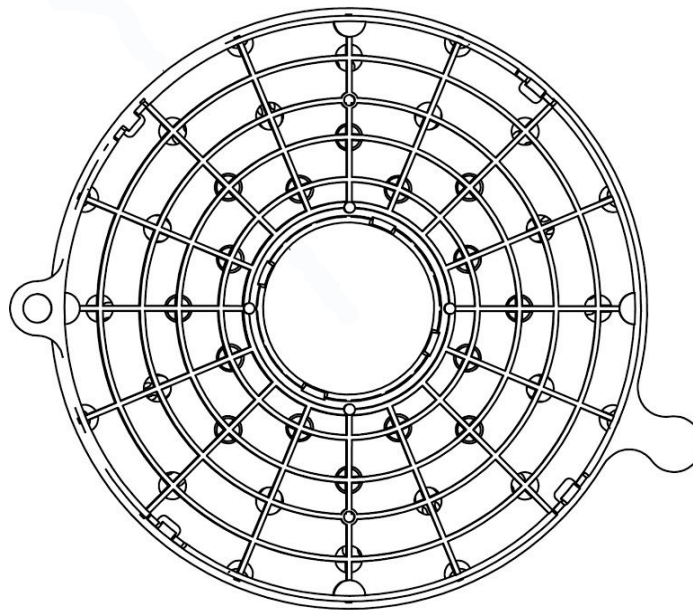
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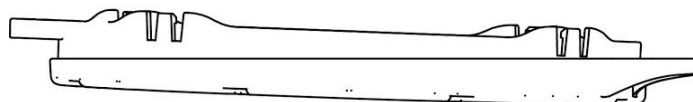
The SKYJACK BASE SLOPE CORRECTOR is placed underneath SD-M, SD-L and SD-XL pedestals to compensate for slopes up to 8%.



8-5/8"



9/16" to
1-3/16"



SKYJACK BASE SLOPE CORRECTOR - SD-SC



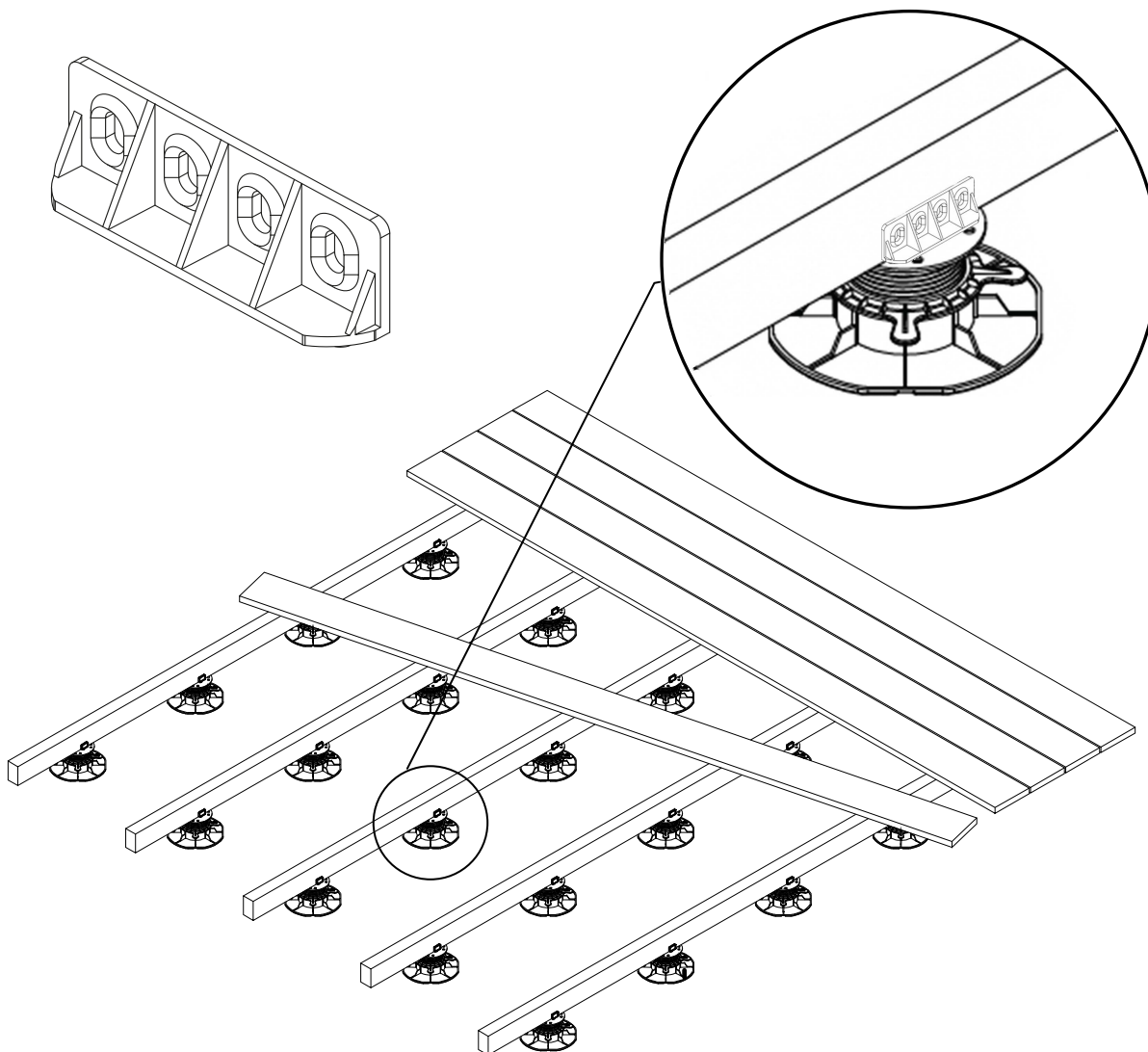
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DECK JOIST ADAPTER SD-AD

SKYJACK PEDESTALS

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COMMENTS:

All dimensions and distances are approximate and are not grounds for implementation of the project due to differences in materials. The final dimensions depend on the chosen materials and their cross-sections.

COMMENTS:

1. The installation must be done accordingly with construction.
2. Unless stated drawings are without a scale.
3. The decking must strictly adhere to local codes and structural engineer's design.
4. More information at www.skydeckusa.com or send questions to info@skydeckusa.com

SKYJACK DECK JOIST ADAPTER SD-AD



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Rubber Protective Pad

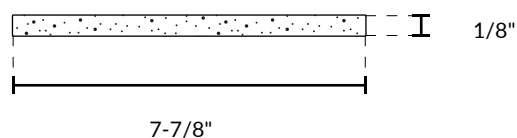
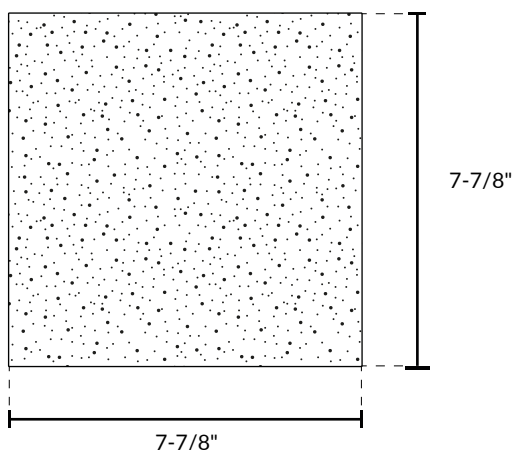
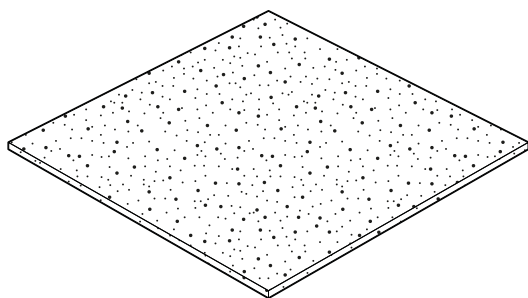
SD-PP

SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

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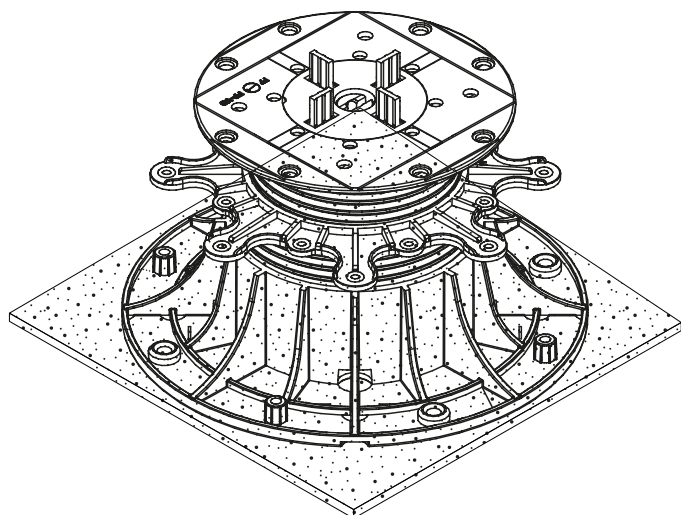
Rubber Protective Pads can be used underneath the pedestals to protect the roof membrane. We always recommend the use of rubber protection pads to avoid the roofing material adhering to the pedestal base with high roof temperatures. Rubber Protective Pads also mute help dampen sound when using the terrace. Rubber protective pads are water and weather resistant.



Technical data

Size:
Width/Length: 7-7/8"
Thickness: 1/8"

Material: SBR, polyurethane glue



Noise reduction

Rubber protective pads help dampen sound when walking on the patio.



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MANAGING DIFFERENCES IN TILE THICKNESS

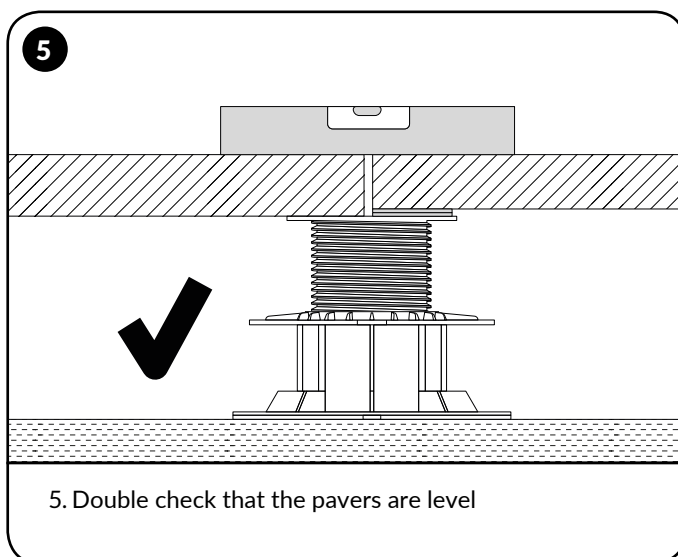
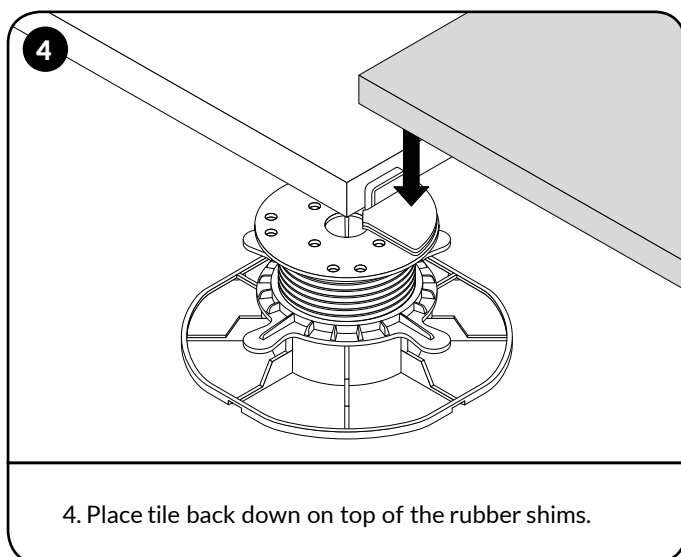
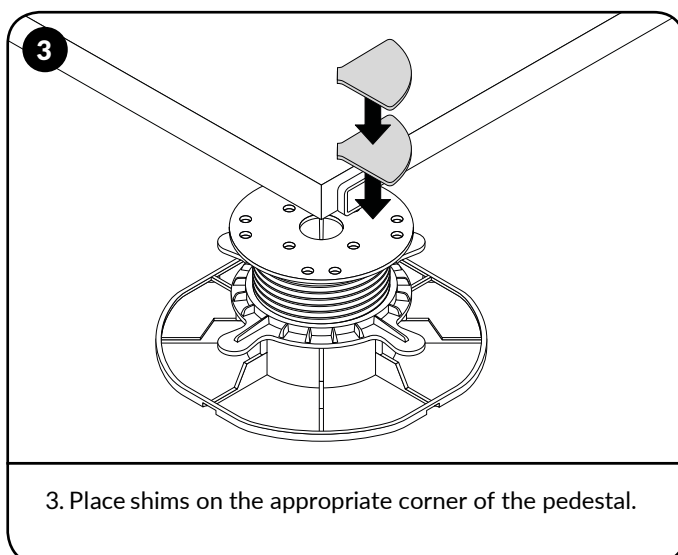
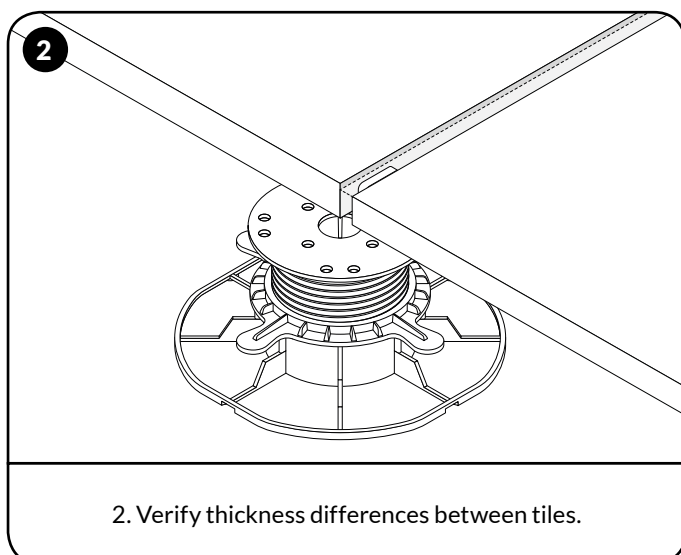
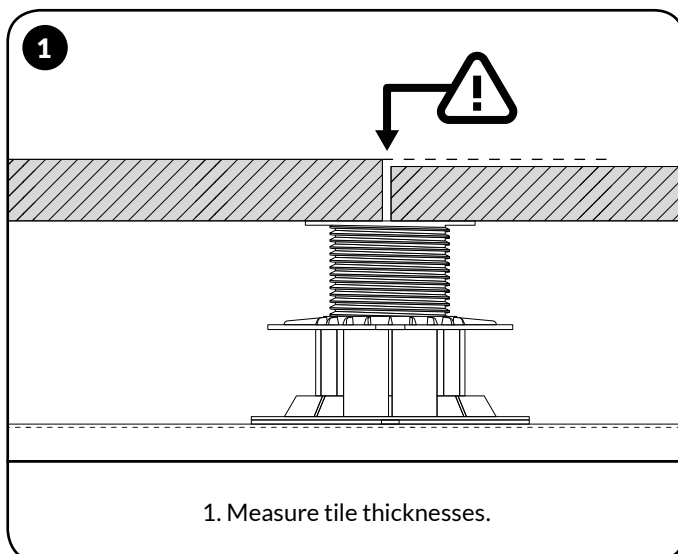
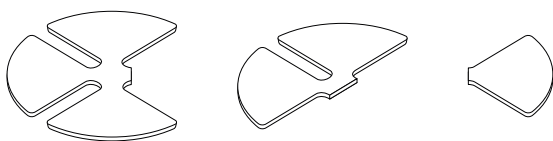
SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

www.skydeckusa.com
info@skydeckusa.com

▼ Rubber shims

In situations where there are minor differences in tile thickness, rubber shims can be used to level the pavers. First, place shims on top of the lower paver. Using a level, stack shims until the shims are level with adjacent paver. Then lift the corner of the lower paver and place the shims on the appropriate corner of the pedestal.



PEDESTAL WEIGHT PERFORMANCE



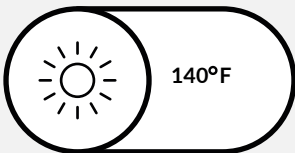
Acceptable weight load

SkyJack pedestals have a weight bearing capacity of 2,150 lbs

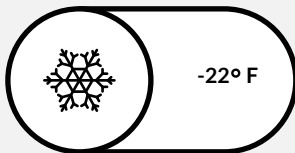


Temperature resistance

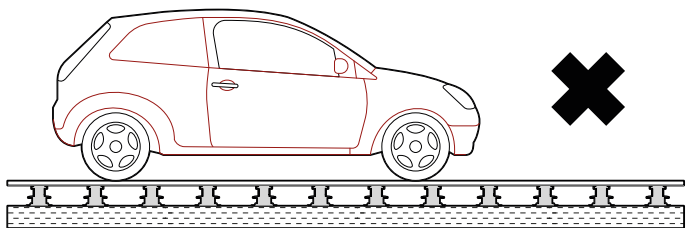
SkyJack pedestals can withstand extreme temperatures



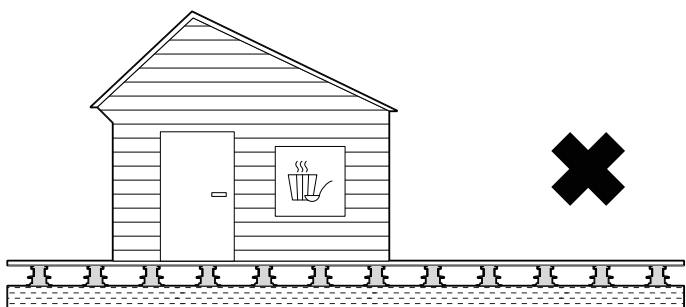
140°F



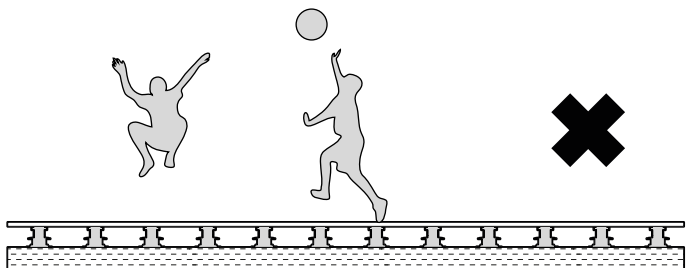
-22° F



◀ | It is forbidden to drive any vehicle on the terrace.



◀ | It is forbidden to place any heavy object on the terrace.

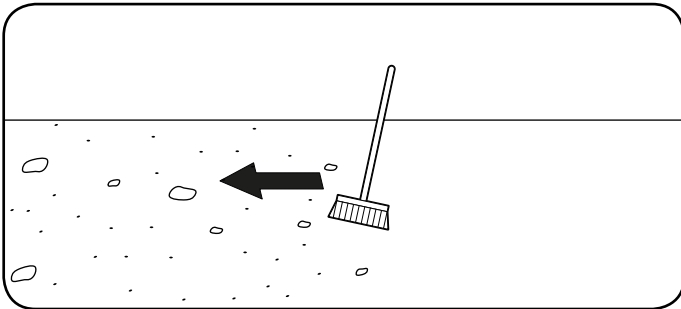
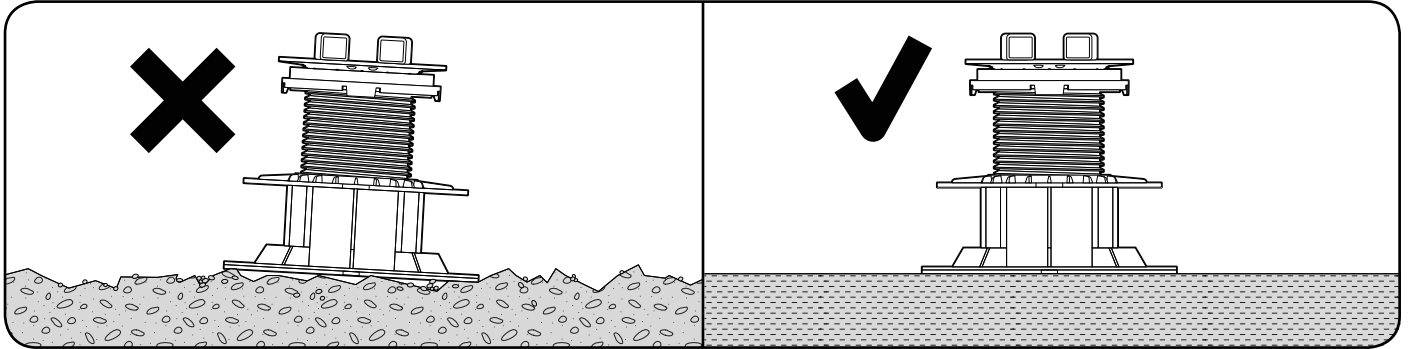


◀ | It is forbidden to run or jump on the terrace.

PEDESTAL FOUNDATION NOTES

▼ Flat surface

The foundation on which pedestals are placed must be flat and provide stability for the pedestals.

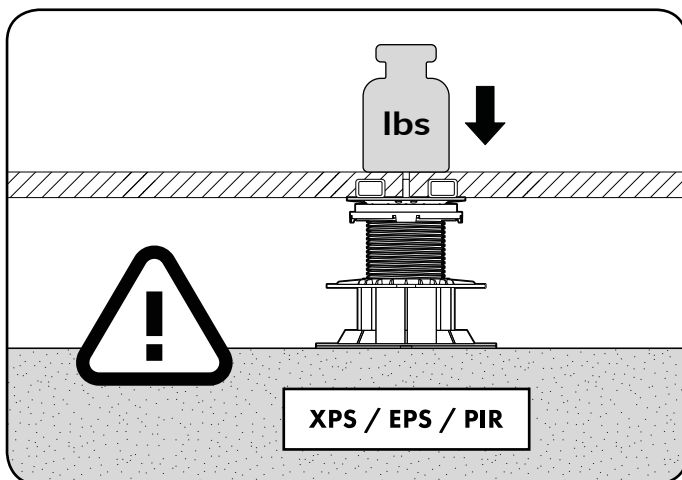


◀ Clean surface

Before placing pedestals. Clean terrace surface from any unwanted elements. Do not place pedestals on dirt and debris.

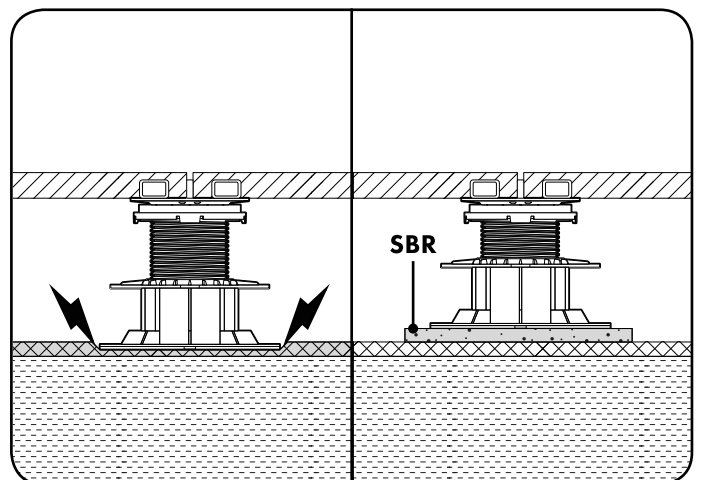
▼ Foundation weight loading

Pedestals can be placed on the 60 psi rigid insulation board or similar. Remember to check foundation weight loading performance.



▼ Sensitive surface protection

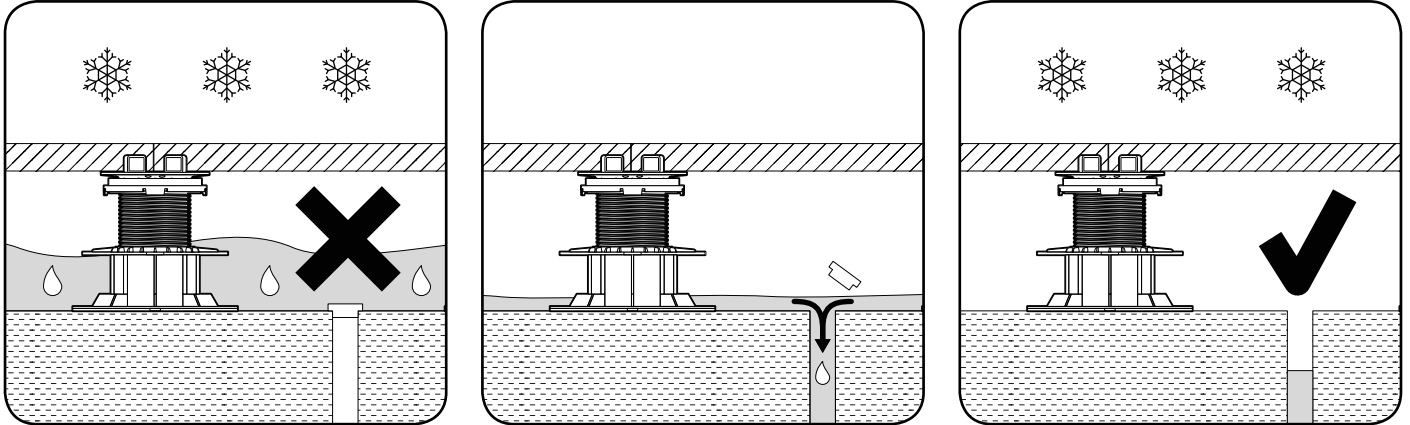
In order to prevent pedestals adhering to the roofing membrane or causing damage, rubber protective pads are recommended underneath the pedestals.



IMPORTANT INFORMATION REGARDING WATER

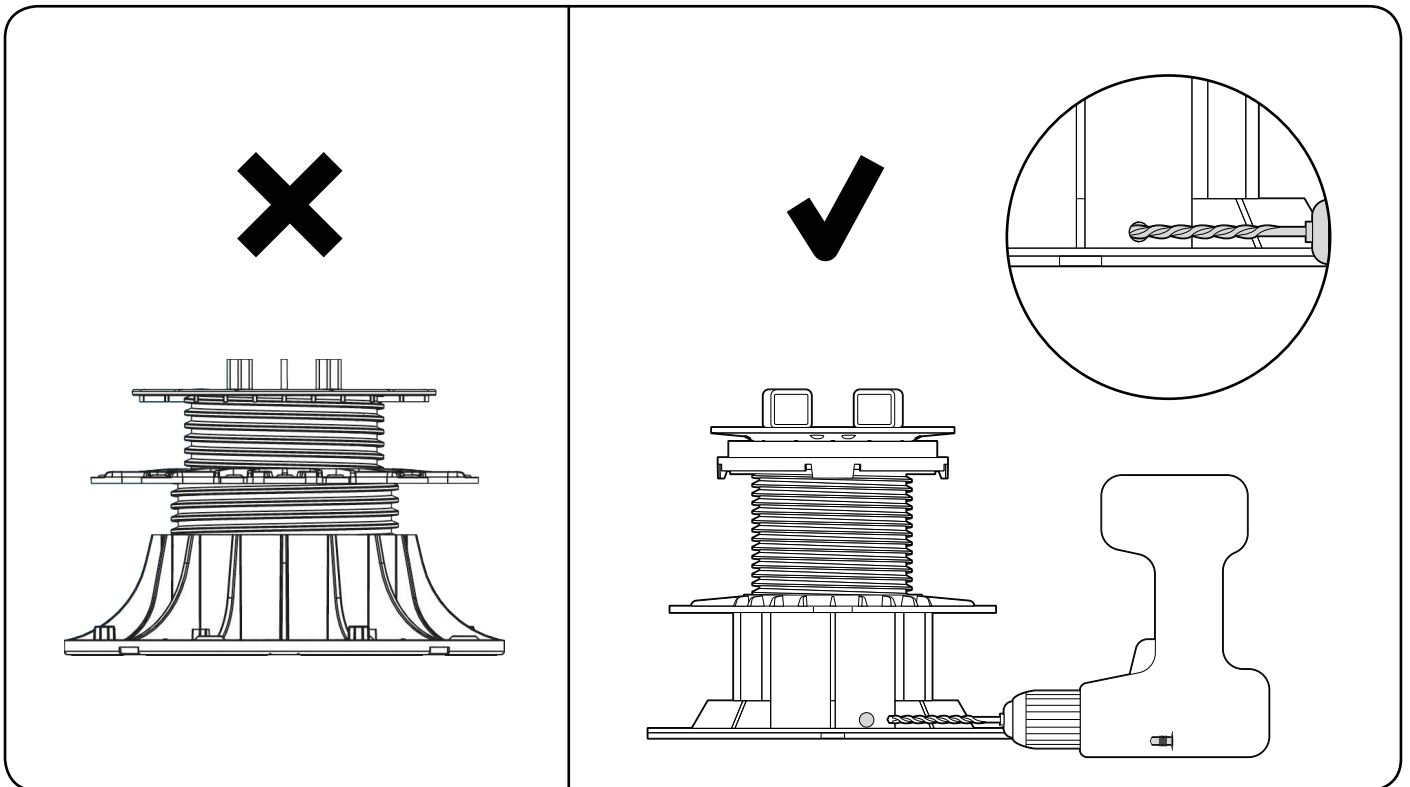
▼ Pedestals must be able to drain all water

Pedestals that are not allowed proper water drainage may crack during freezing temperatures. Routinely check that pedestals are not collecting water and that they have not adhered to the roofing membrane. To avoid adhering, use rubber protective pads underneath each pedestal.



▼ Water inside pedestals

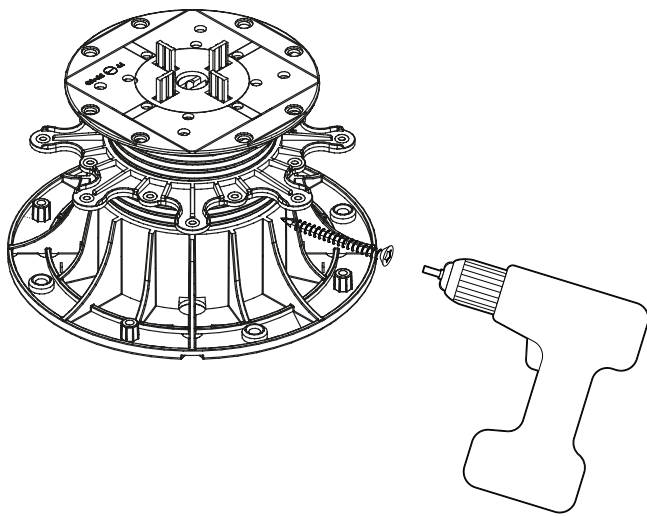
If the pedestals have water collecting inside them, drill weep holes at the bottom of the pedestals to allow the water to freely flow out.



PEDESTAL LOCKING

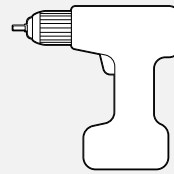
▼ Lock pedestals in place

Certain roofs experience vibrations that can cause the pedestals to slowly move. To prevent this, place a screw through the base and screw ring to lock it into place.



Tools:

First drill the hole and then use screw with screwdriver.



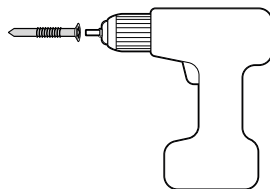
Screwdriver



Screws

▼ Pedestal height lock

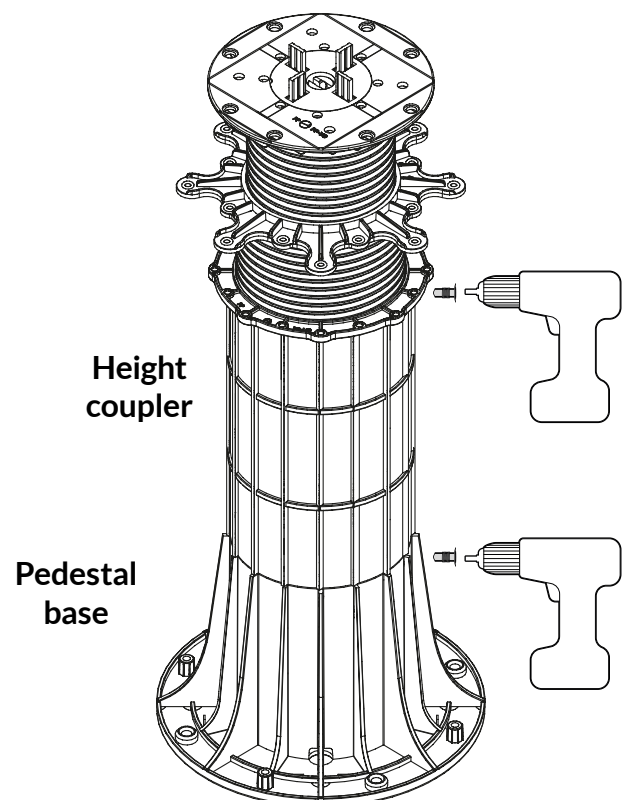
Drill inside the pedestal base, screw ring and screw then drive screw inside to lock pedestal height.



Remember to check if pedestal height is adjusted correctly before locking them.

▼ Pedestal lock with height extender

When locking the height of pedestals that use height extenders, place a screw into both top and at each intersection of the height extender.

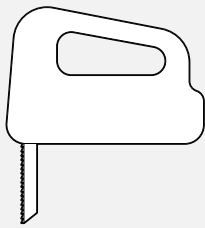


CUTTING PEDESTAL BASE

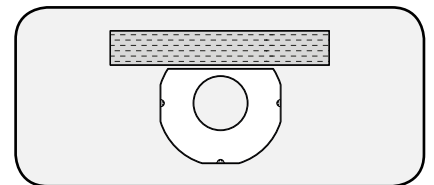
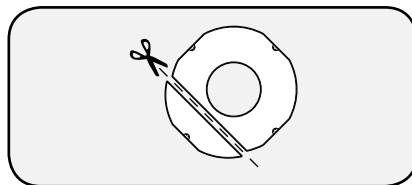
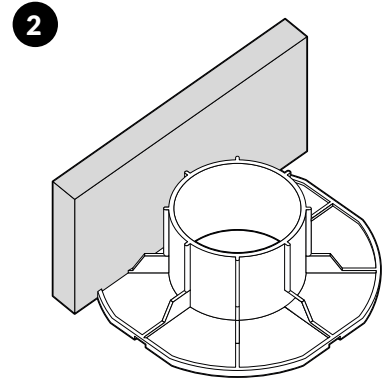
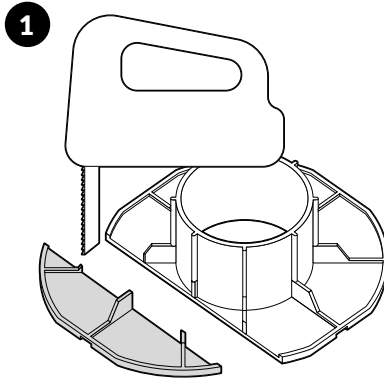
▼ Pedestals may be cut along the wall

Along parapet walls, the pedestal base may be cut to allow the pedestal to sit closer to the wall. Using a saw, cut along the perforated line on the bottom side of the pedestal. Please note that the sharp edge after cutting must be protected with a rubber protective pad.

Tools:

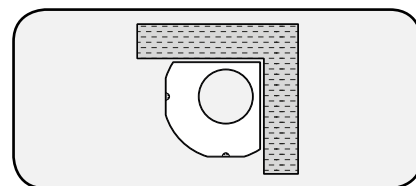
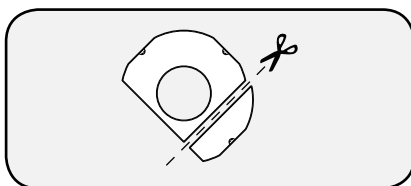
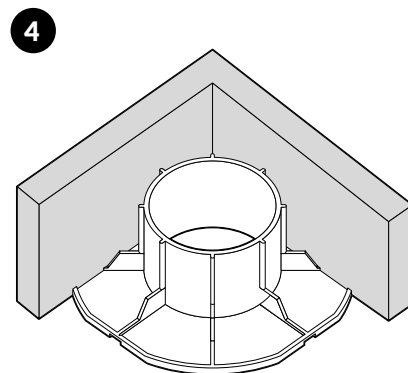
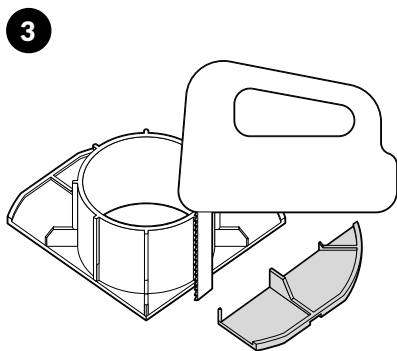


Jigsaw/Saw



▼ Cutting pedestal base in corners

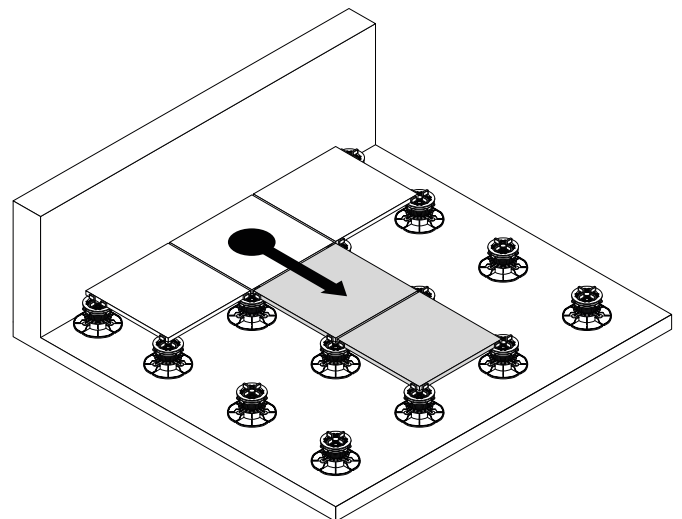
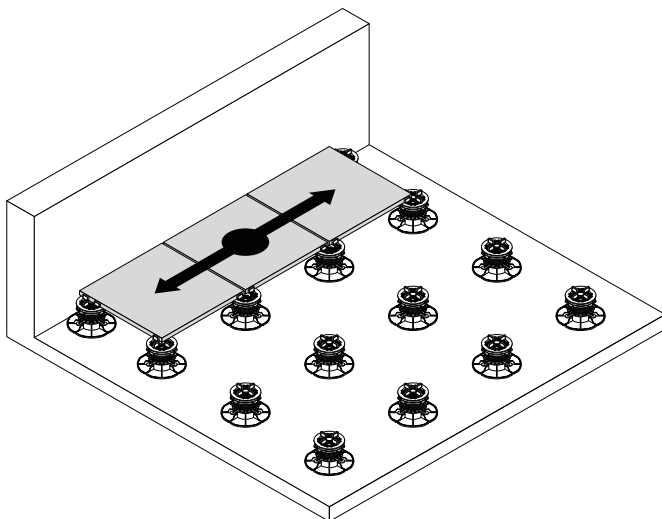
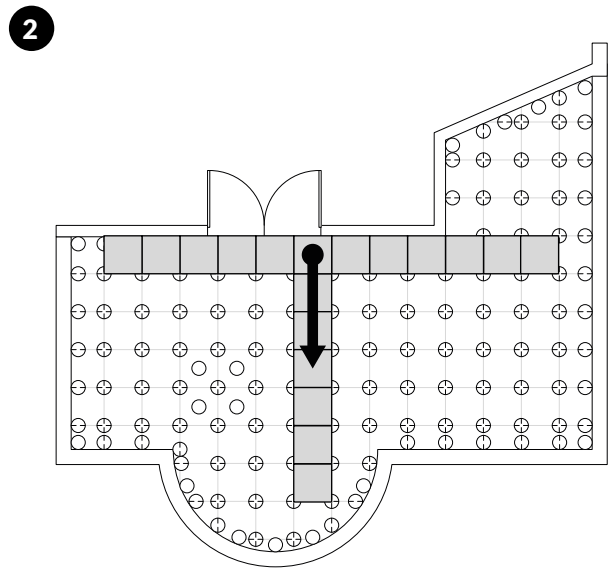
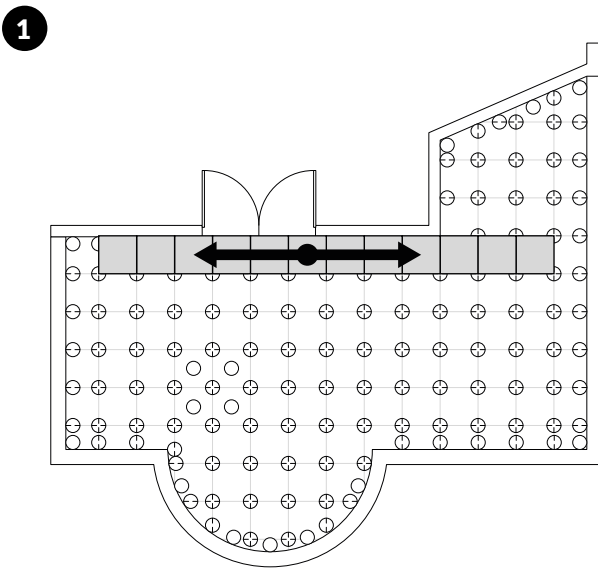
The pedestal base may be cut to fit more closely into corners. Please note that rubber protective pads must be used underneath to protect the roof from the sharp cut edges of the pedestal.



INSTALLATION - PLACEMENT OF FIRST PEDESTALS

▼ Set start point

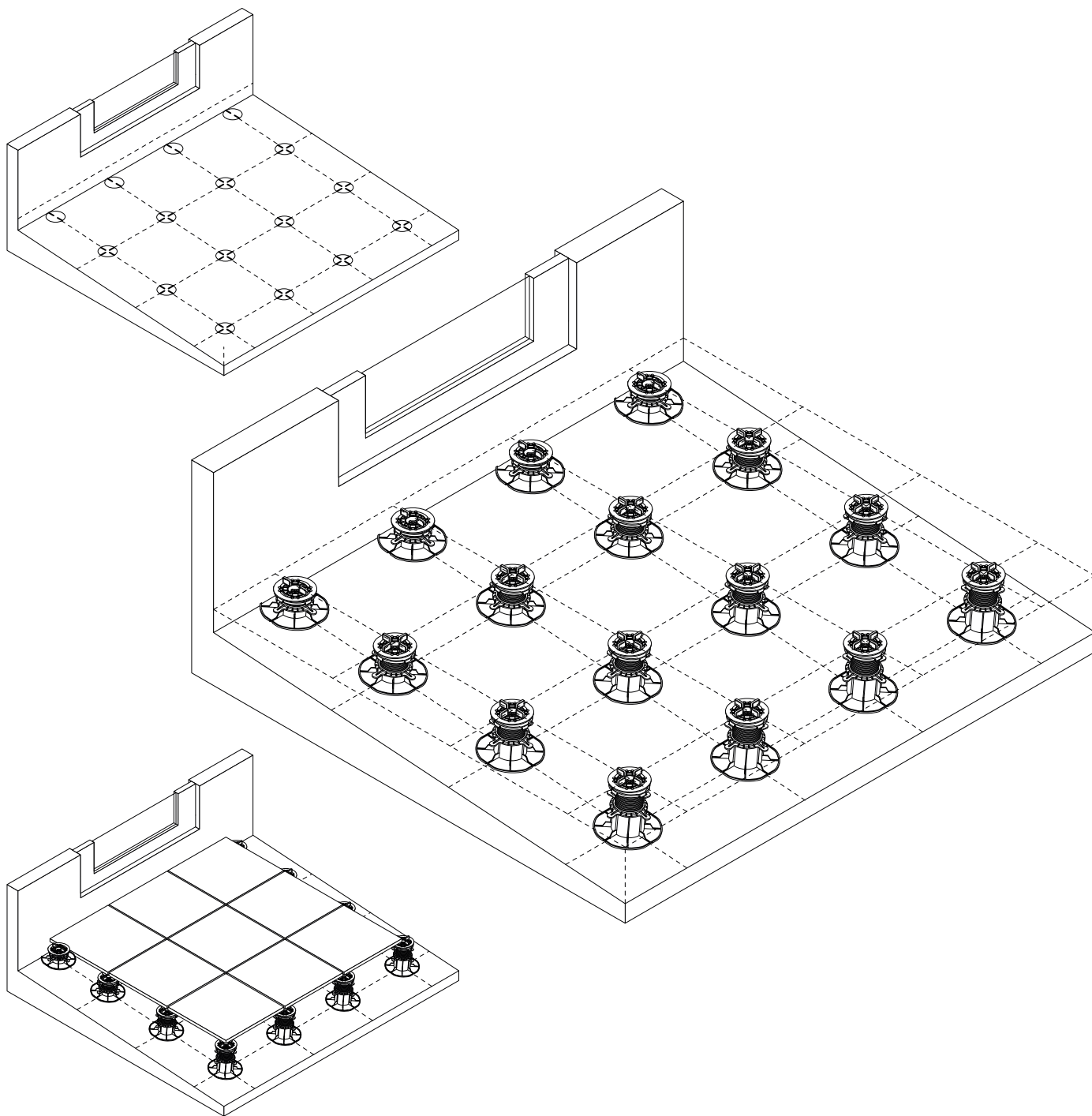
The first line of the tiles should lay along the longest wall, if possible. Begin with the first row that does not require cutting. Next, lay a perpendicular row in the longest possible line. Work from there to fill in all of the full tiles. Finish the patio by filling in all of the cut pavers.



INSTALLATION - PLACING PEDESTALS AT ENTRANCES

▼ Evaluating height of the terrace level

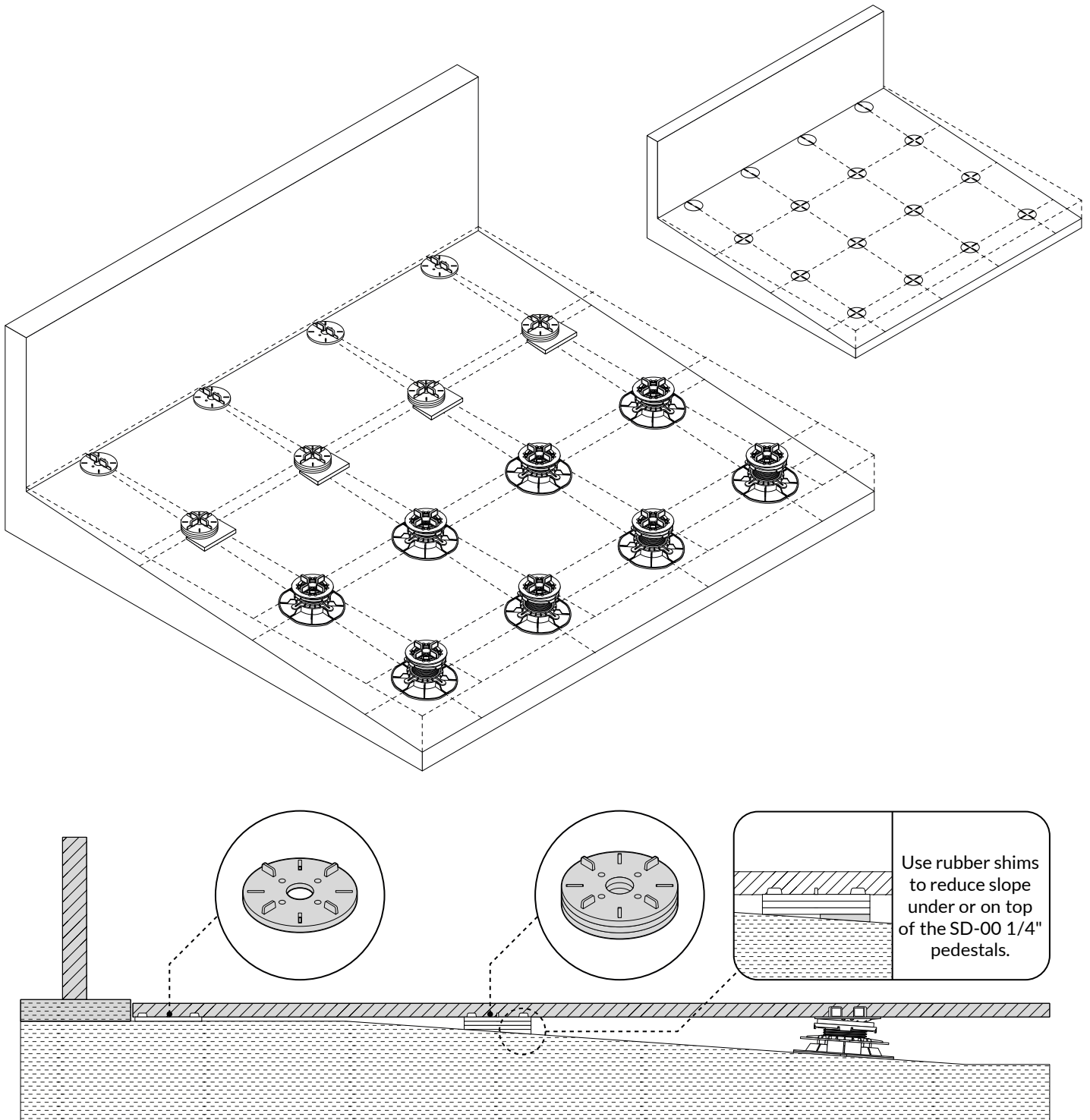
The doorways set the height for the entire terrace. Use local building codes to determine where your pavers need to line up at the entrance. The minimum entrance height needs to be 1/16" plus the thickness of your paver in order to accommodate the skydeck paver pedestal system. But, we recommend at least 4".



INSTALLATION - USING LOW HEIGHT PEDESTALS

▼ Low height pedestals

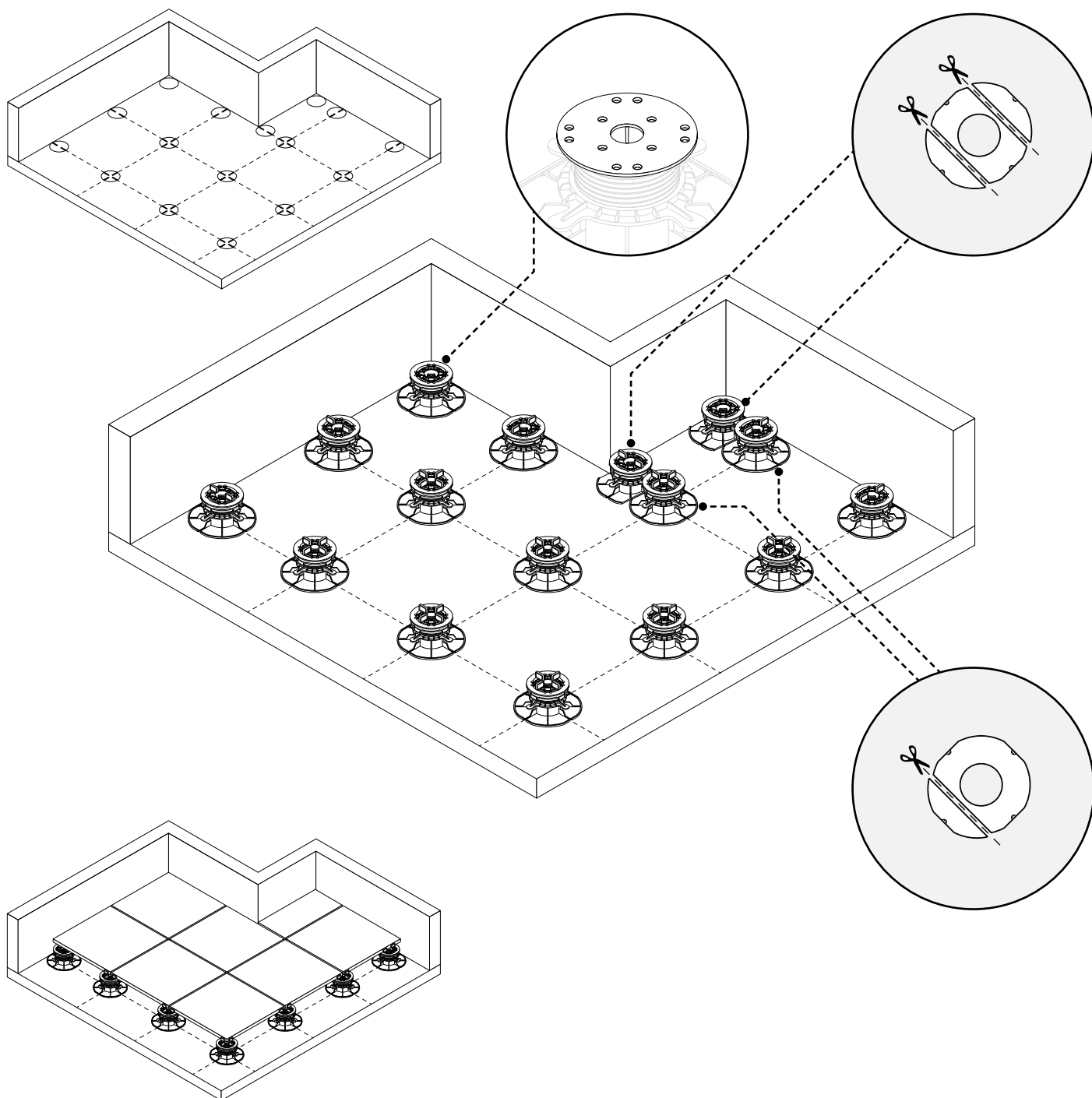
Sometimes the doorway height may require 1/16" or 1/4" stackable shims. In this situation, either the SD-XL-SH2 shims (1/16" thick) or the SD-00 (1/4" thick) may be used. Shims can also be added to the top or bottom of the SD-00 to level them.



INSTALLATION - CORNERS

▼ Pedestal placement in corners

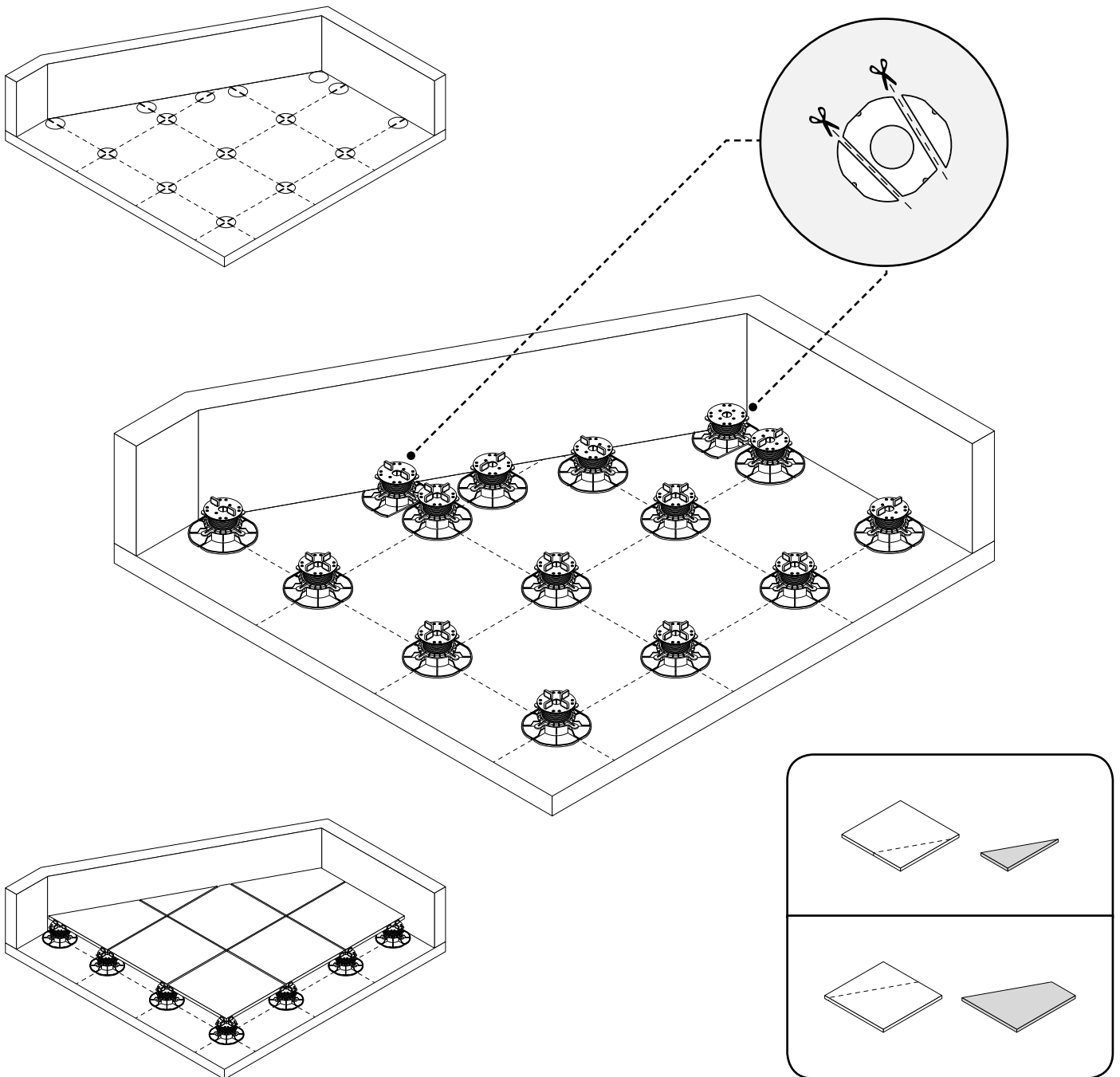
Corner pedestals that are holding full tiles can be pushed up to the corner as tight as possible. Wall clips may be used to help support the perimeter tiles and create uniform gaps along the wall. The pedestal base may also be cut along the perforated lines on the bottom of the pedestal to allow the pedestal to be pushed tighter against the wall.



INSTALLATION - DIAGONAL WALLS

▼ Pedestals running along diagonal walls

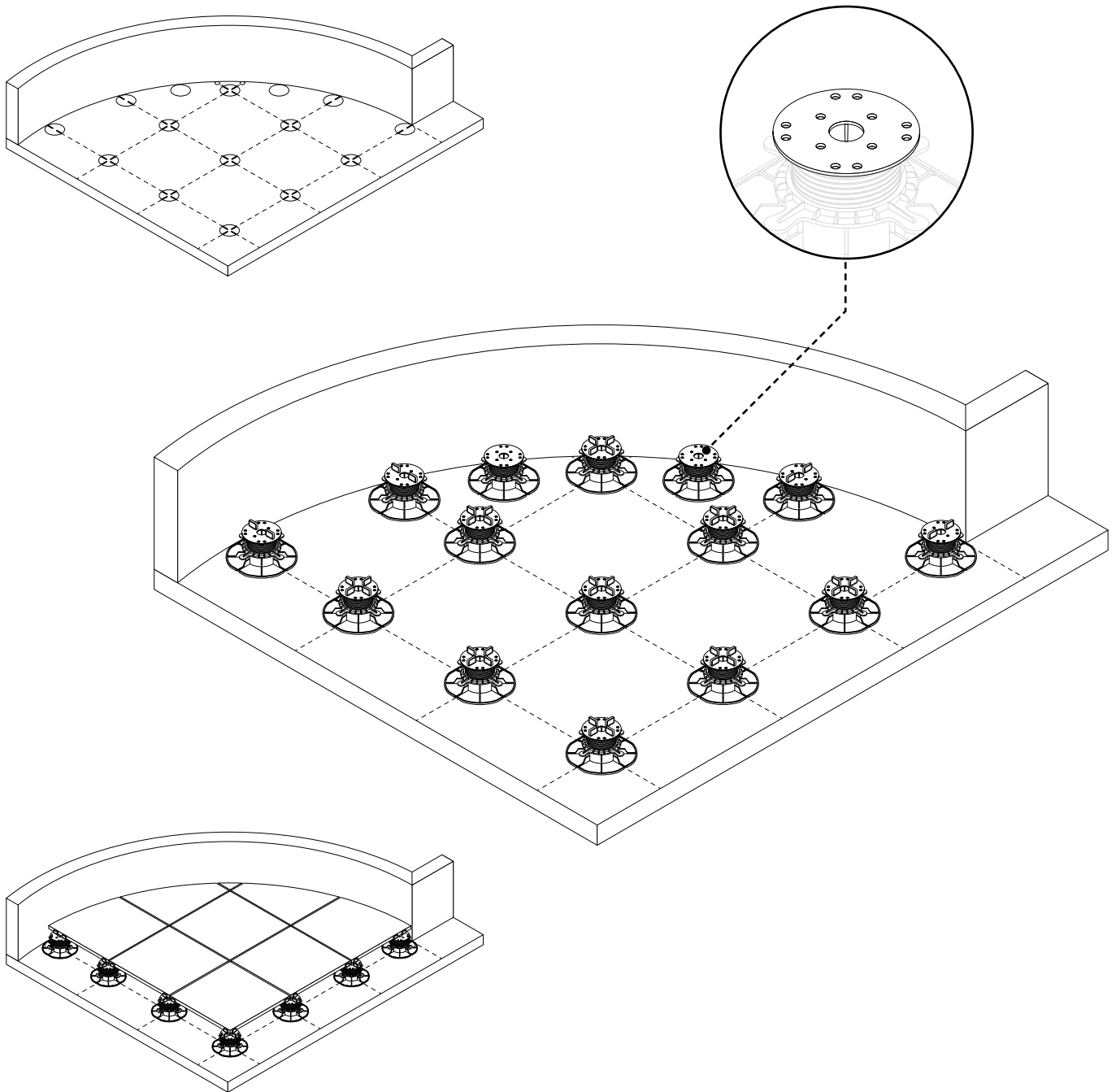
Pedestals must support each corner of the cut pavers along diagonal walls. The pedestal base may be cut along the perforated lines on the bottom of the pedestal in order to place them closer to the wall. Take measurements of odd shaped areas prior to starting the project to avoid very small slivers of pavers. Use wall clips to help support cut pavers along walls.



INSTALLATION - LAYING PEDESTALS AGAINST AN ARC WALL

▼ Cutting pedestals and tiles

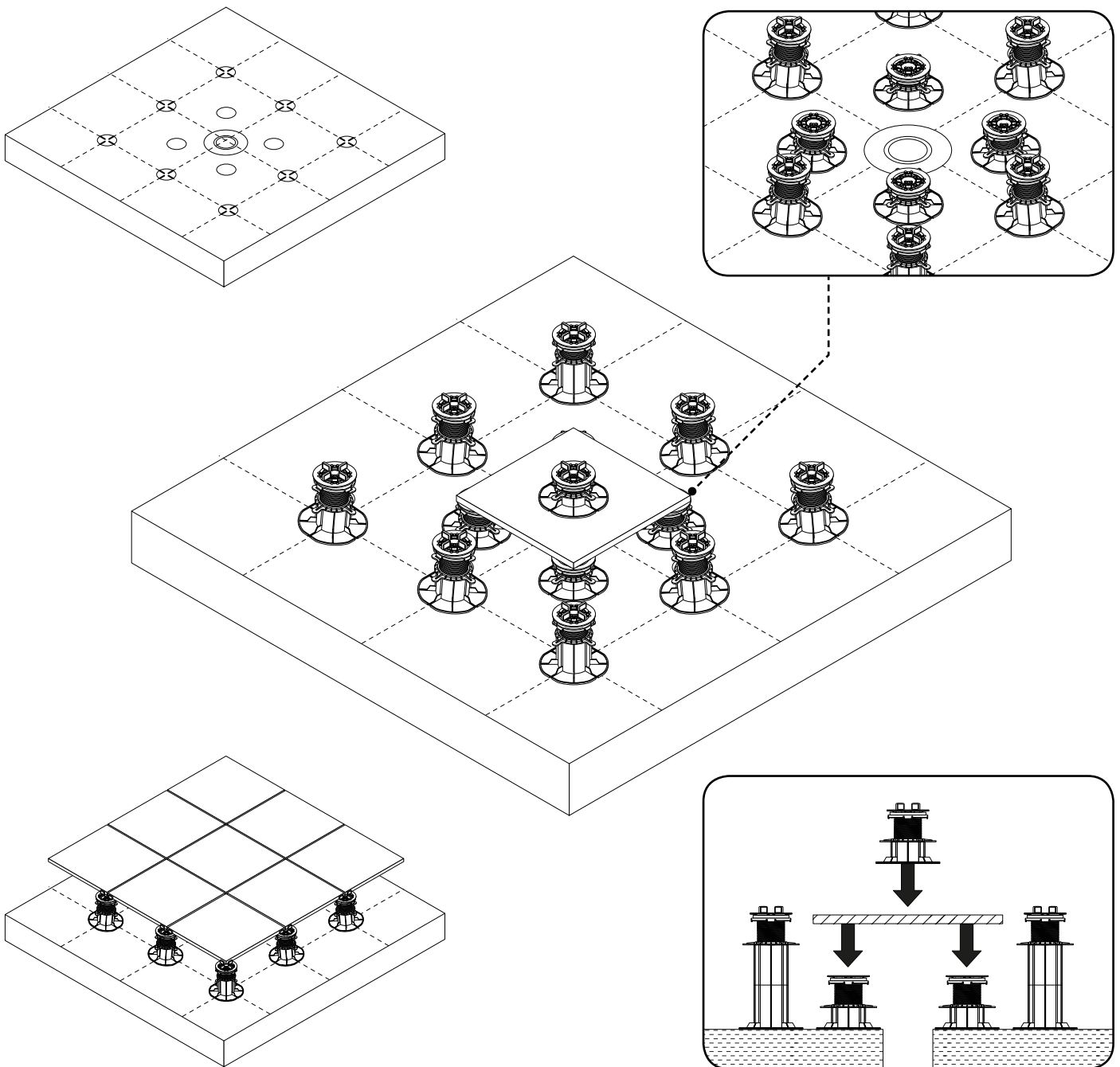
Custom pedestal layouts will be required along arc shaped walls. Place as many pedestals as required to ensure that pavers don't rock. . Take measurements of odd shaped areas prior to starting the project to avoid very small slivers of pavers. Use wall clips to help support cut pavers along walls.



INSTALLATION - PEDESTALS OVER DRAINS

▼ Assembly for drain location

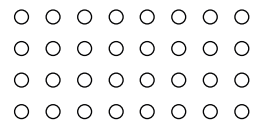
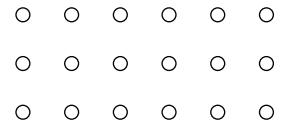
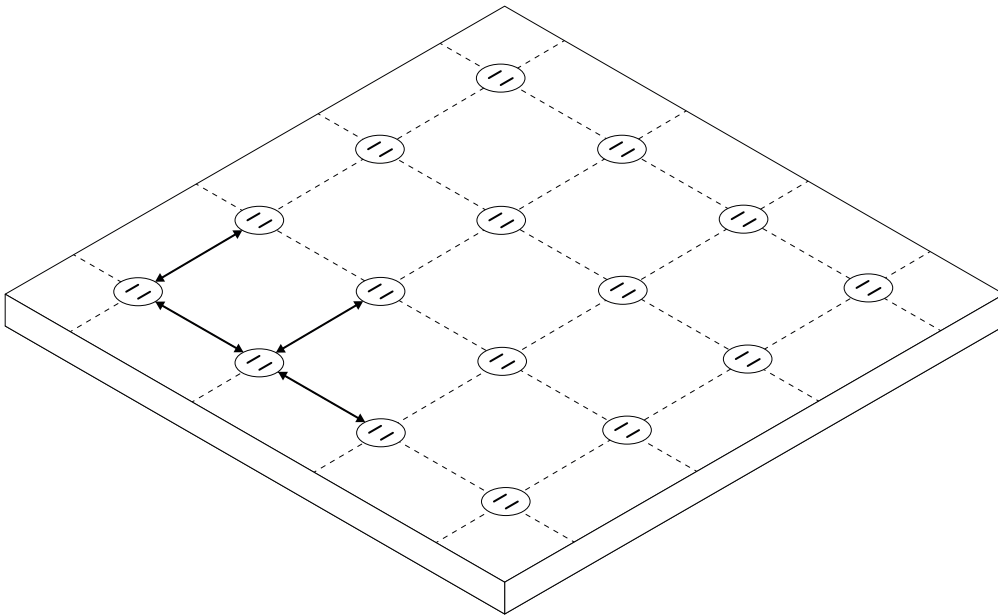
Sometimes a pedestal will be needed right on top of a roof drain. When this happens, use four short pedestals with a paver on top to build a platform for your pedestal.



INSTALLATION - JOISTS ON PEDESTALS

▼ 1. Joist arrangement

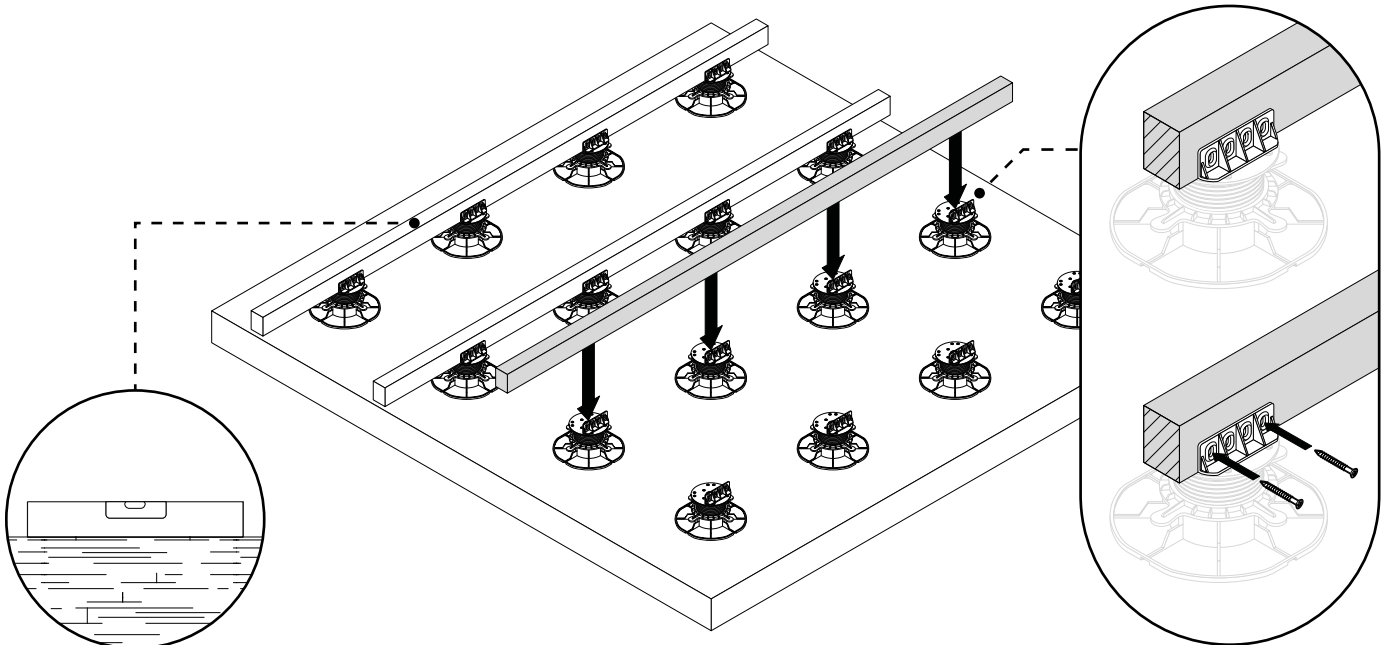
Joists must be placed no more than 16" o.c. apart and pedestals will be placed every 24" along each 2x4 joist for standard weight bearing and usage. Joist adapters can be used on the top of each pedestal to secure the joist to the pedestal head.



Larger joists and closer pedestal placement may be required. Consult an engineer for specific requirements on your project.

▼ 2. Pedestal placement and joist adapter use

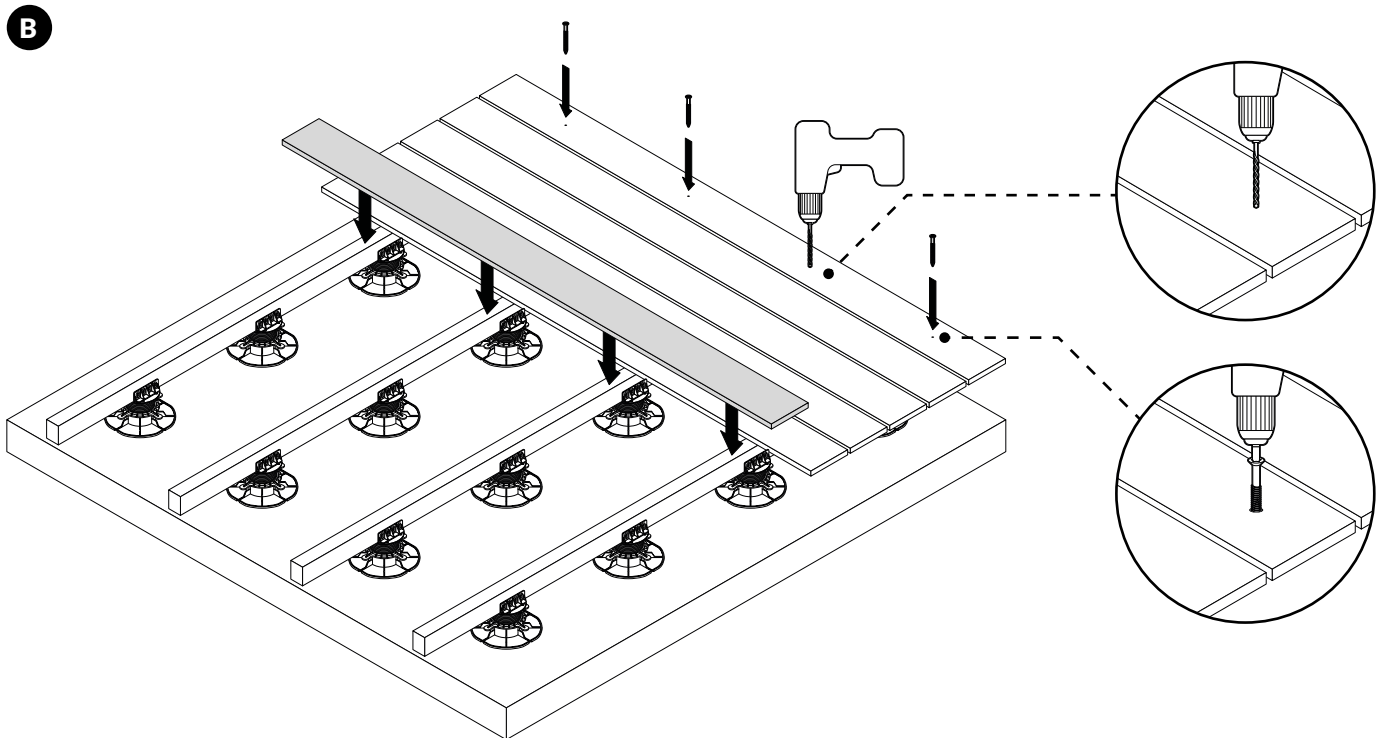
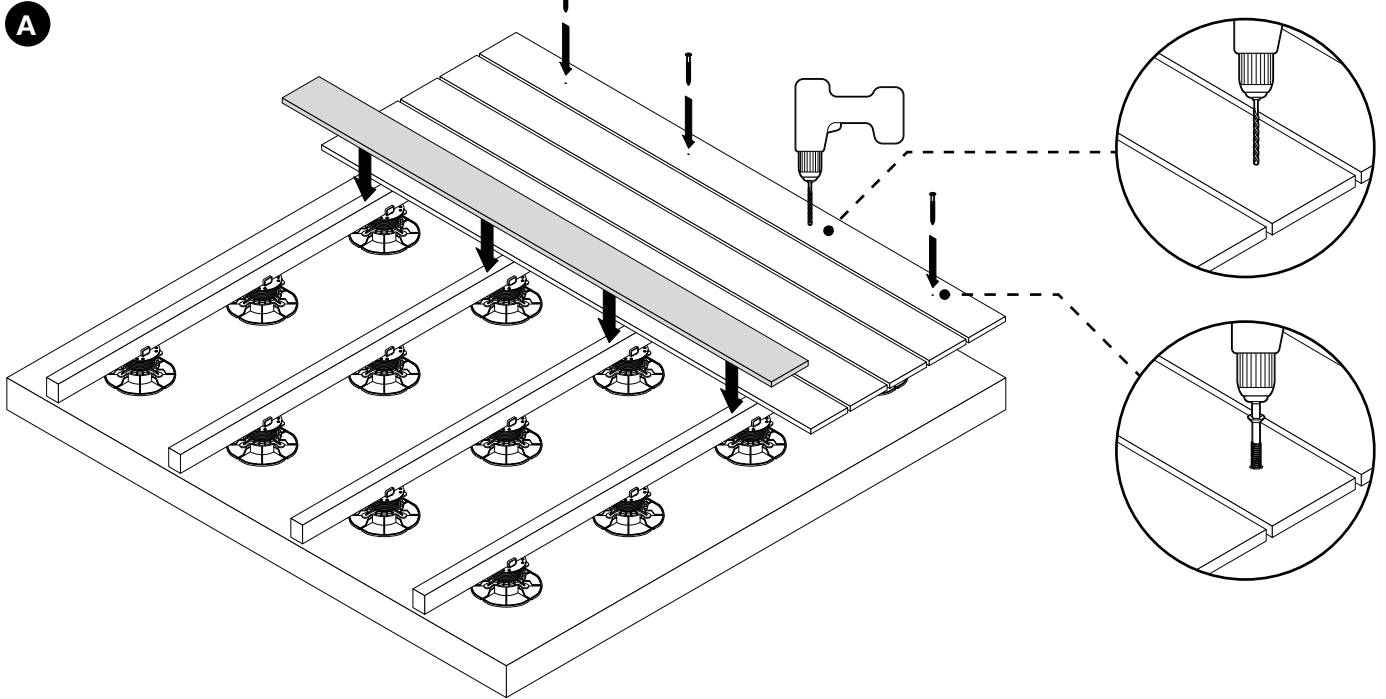
Place a joist adapter on the head of each pedestal and lay them out in the required locations. Then level each pedestal. Lay the joists out and place a screw through the joist adapter and into the joist to secure it to the pedestals. Check that the joist is level and move on to the next row.



INSTALLATION - JOISTS AND DECKING ON PEDESTALS

▼ 4. Decking plank installation

Mount decking planks on the leveled joists. For additional deck strength, add perpendicular joists to create a square frame. Do not allow the joists to overhang the pedestals by more than a few inches at the ends.



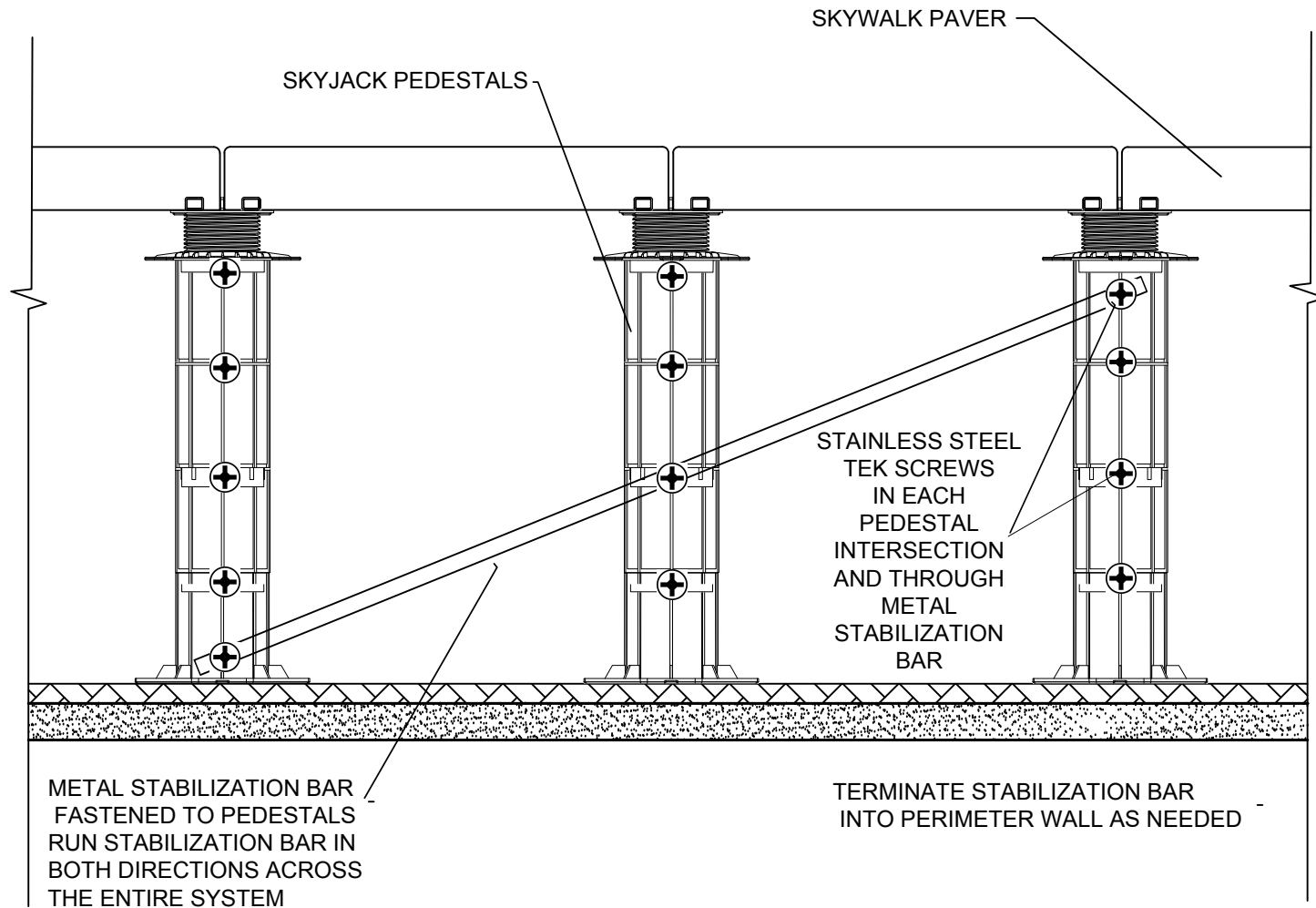


skydeck
— **usa** —

SKY HEIGHTS PEDESTAL DETAIL

SKYJACK PEDESTALS
Adjustable Pedestal System by SKYDECK USA

www.skydeckusa.com
ceagan@skydeckusa.com



SKY HEIGHTS PEDESTAL STABILIZATION SYSTEM

COMMENTS:

1. The installation must be done according with construction documents.
2. Unless stated drawings are without a scale.
3. All hardware and stabilization system must be approved and provided by skydeck usa.
4. Sky Heights Pedestal Stabilization System recommended for pedestal heights above 21.75".
5. All sides of pedestal paver system must be enclosed by structural wall in order to install pedestals at taller heights.
6. More information and advice on the website www.skydeckusa.com or send questions to INFO@skydeckusa.com