



skydeck
— **usa** —

porcelain paver pedestal system
Specification manual

SkyWalk™ Porcelain Paver Pedestal System

Quick Spec Page

Specifier Summary

The SkyWalk™ Porcelain Paver Pedestal System is a pedestal-supported rooftop assembly that combines exterior-grade 2CM porcelain pavers with factory-applied safety backing and SkyJack adjustable pedestals to create a level, durable, high-end outdoor surface over sloped roof decks, plazas, terraces, balconies, and amenity spaces.

Safety backing is available on any SkyWalk paver size, is bonded to the underside of each paver at the factory, and is designed to help retain fragments if a paver is damaged or broken. The elevated assembly permits drainage below the finished surface and maintains access to the roofing membrane, drains, and utilities without a traditional mortar-set installation.

Basis of Design - Short Form Specification

SkyWalk™ Porcelain Paver Pedestal System by Skydeck USA, including exterior-grade 2CM porcelain pavers with factory-applied safety backing, SkyJack adjustable pedestals, roof protection pads where required, shims, slope correctors, perimeter accessories, and related components required to provide a complete elevated rooftop paver assembly.

The system shall provide a level, durable, removable porcelain paver surface over roofing membranes, concrete decks, balconies, joists, or a prepared ground layer.

System Components

- Exterior-grade 2CM porcelain pavers approved for elevated pedestal applications
 - Factory-applied safety backing, available on any SkyWalk paver size, bonded to each paver and designed to help retain fragments if breakage occurs
 - SkyJack adjustable pedestals (2,150 lb per pedestal weight-bearing capacity; Class B fire rating)
 - Rubber shims for fine adjustment and sound isolation
 - Perimeter wall clips and restraint accessories, as required
 - Base slope correctors or self-leveling heads for slopes greater than 1/4 inch per foot
 - Optional roof protection pads
-

Compatible Applications

The SkyWalk™ Porcelain Paver Pedestal System is suited for rooftop amenity decks, terraces, balconies, pool decks, courtyards, plazas, outdoor dining areas, and mixed-surface layouts. Porcelain may be coordinated with concrete pavers, turf, or deck tiles when compatible support assemblies and transitions are incorporated into the project design.

Design Note

Confirm paver dimensions, thickness, finish, safety-backing construction, pedestal layout, loading, wind conditions, perimeter restraint, roof-membrane compatibility, drain access, threshold conditions, and code compliance for each project. Factory-applied safety backing is an added safety feature and does not replace project-specific engineering, required wind restraint, or code-mandated fall protection. Skydeck USA layout support and product recommendations are provided for coordination and estimating assistance.



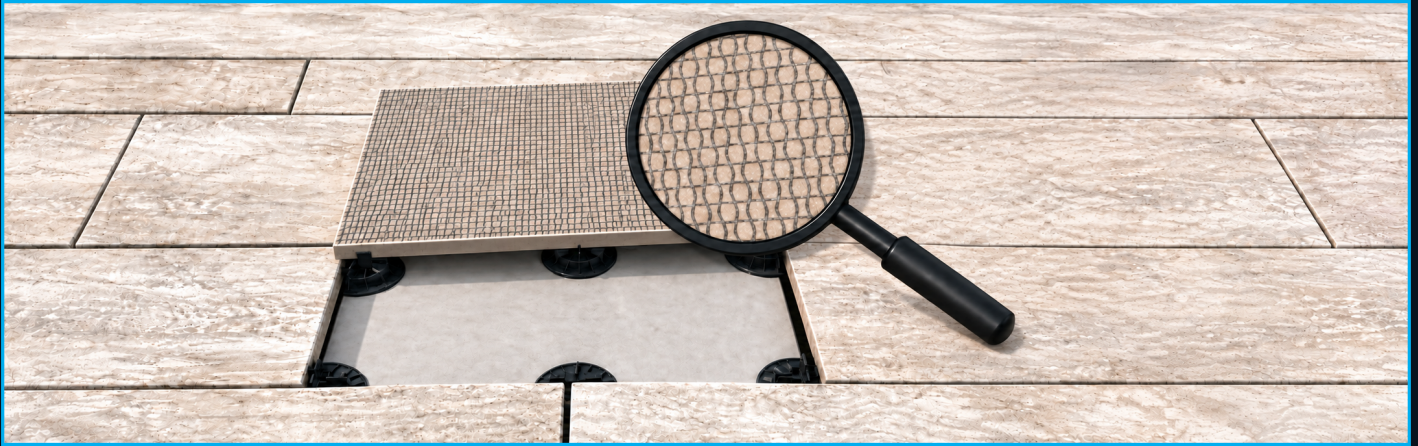
SkyWalk™ Porcelain Paver Pedestal System

by Skydeck USA

SKYWALK INTEGRATED PAVER SAFETY BACKING FOR PORCELAIN PAVERS

ONE LAYER. MORE STRENGTH. LESS LABOR.

Factory-applied protection for exterior-grade 2CM porcelain pavers - engineered to simplify installation, reduce job-site complexity, and keep a cracked paver stable until replacement.



3,902 LB

PRE-CRACK PEAK FORCE

2,293 LB

POST-CRACK PEAK FORCE

50%+

POTENTIAL LABOR SAVINGS

WHY SKYWALK WINS

- ✓ **JOB-SITE READY**
Backing is bonded at the factory - no separate trays, sub-grids, or field-applied adhesive.
- ✓ **CUTS CLEANLY**
Paver and backing cut together with no loss of backing strength or performance at cut edges.
- ✓ **LESS TO HANDLE**
Half the system layers means fewer materials to ship, stage, store, level, and cut on site.
- ✓ **ONE LAYER, ONE INSTALL**
Eliminates the second layer that tray systems require, cutting installation steps and complexity.
- ✓ **LOWER PROFILE**
Negligible added thickness helps the finished surface fit beneath low door and threshold conditions.
- ✓ **EASY ACCESS**
Loose-laid pavers remain removable for roof inspections and access to drains, valves, and utilities.

SKYWALK SAFETY BACKING

Factory applied | Single layer | Cuts with paver | No center pedestal
Minimal added thickness | Easy removal | Available on any paver size

**SKYWALK SAFETY BACKING: ONE LAYER.
TRAYS: TWO LAYERS, TWICE THE WORK.**

MAXIMUM STRENGTH. MINIMUM COMPLEXITY.

For pedestal installations over roofing membranes, concrete decks, balconies, joists, or prepared ground layers.

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www.skydeckusa.com

 skydeck usa, llc

KEY ADVANTAGES



INTEGRATED SAFETY BACKING

Factory-adhered fiberglass mesh reinforces the bottom of each porcelain paver



FASTER, SIMPLER INSTALLATION

One-layer system reduces labor and speeds up layout and installation



STRONGER PERFORMANCE

Factory-applied mesh reinforcement delivers reliable support and added strength



LOWER MATERIAL HANDLING

Half the materials to ship, move, and store at the job site



EASY TO CUT & FIT

Pavers and mesh backing cut easily together with no significant strength loss



THIN, LOW-PROFILE DESIGN

Safety backing adds no significant thickness, keeping pavers at 3/4 inch



SERVICEABLE & ACCESSIBLE

Loose-laid pavers are easy to remove for roof inspection and access below



DESIGNED FOR ROOFTOPS

A smarter, stronger solution for pedestal-supported rooftop paver systems



SkyWalk™ Porcelain Paver Pedestal System

by Skydeck USA

Product Diagram

How the SkyWalk porcelain paver system works from the rooftop up.

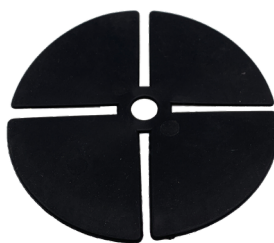
4 SKYWALK PORCELAIN PAVER

Exterior-grade porcelain with factory-applied fiberglass safety backing provides a durable, removable deck surface.



3 RUBBER SHIM

1/16" Rubber shims ensure flush paver corners and add sound dampening



2 SKYJACK PEDESTAL

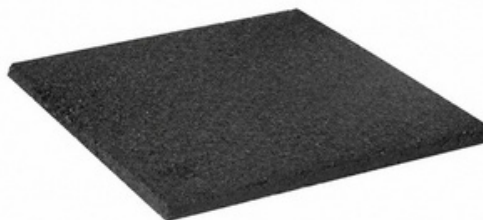
Industry-leading adjustable pedestal simplifies installation providing a secure, elevated assembly.



1 PROTECTION PAD (OPTIONAL)

Durable protection pad placed directly on the roofing membrane to provide added membrane protection and provide sound dampening.

**Optional component*



Installation steps

SkyWalk porcelain pavers with fiberglass safety backing



1. PREPARE THE PEDESTALS

Position pedestals according to the approved paver layout. Align spacer tabs with the paver joints and provide all required corner, edge and intermediate supports.



2. ATTACH RUBBER SHIMS

Place the specified rubber shims on the pedestal heads to provide even bearing and reduce vibration. Keep the spacer tabs clear so the joints remain consistent.



3. SET THE PORCELAIN PAVERS

Carefully place each backed porcelain paver on its supports without damaging the fiberglass backing. Start the first row along the door wall, then establish a perpendicular row to form a T-shaped layout. Leave perimeter cuts until the main field is set.



4. ADJUST FOR LEVEL AND SQUARE

Check the surface elevation, joint alignment and squareness as you work. Adjust pedestal heights and use approved shims for fine adjustments. Confirm that each paver bears evenly and does not rock.



5. CUT AND SET PERIMETER PAVERS

Measure and cut perimeter units with a porcelain-rated wet saw. Inspect the backing at each cut and provide the required edge supports and wall clips. Walk the completed deck, mark any rocking pavers, and adjust the supports or shims until the surface is stable.

Follow the approved support layout and current Skydeck installation instructions for the selected paver size, pedestal height and perimeter conditions.

Quick Spec Checklist

What the Architect Needs to Select:

- ☐ **Coordinate the details:** Confirm loading, wind restraint, waterproofing compatibility, drains, and roof access. If wind uplift mitigation is required, please contact our staff. Porcelain technical information: [page 18](#).
- ☐ **Select the finish:** Select colors or allow selection from full U.S.-made Skywalk range: [pages 9 to 14](#). For heat-reflectance requirements, see SRI values on [page 15](#).
- ☐ **Select the layout:** Choose bond pattern, joint width, orientation and visible cuts. See installation steps on [page 6](#) and layout/access details on [pages 52-69](#).
- ☐ **Select the pedestal supports:** Determine pedestal height range, substrate protection and slope correction. Include SkyHeights bracing above 21.75 inches. See pedestal overview and accessories on [pages 19-25](#); detailed pedestal data and instructions on [pages 26-59](#).
- ☐ **Select corners, trim, treads, and risers:** Select corners, trim, treads, and risers to complete the deck edges, transitions, and stairs. See trim options on [page 17](#).

Required Submittals

- Product data, color and variation samples.
- Layout/shop drawings showing paver layout and pedestal heights.
- Project engineering and SRI documentation where required.

Basis of Design - Short Form Specification

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For full CSI specification, use **Section 077600** beginning on [page 70](#).
Color and size schedule: [pages 73-74](#).

Porcelain Paver on Pedestal Detail Drawings: [page 61](#) | [DOWNLOAD CAD \(DWG\) + PDF](#)

[Pedestal CAD Drawings](#)

Porcelain Paver Project Inspiration

ONE LAYER. MORE STRENGTH. LESS LABOR.

Skydeck USA
PORCELAIN PAVER
SYSTEM
MAXIMUM STRENGTH
MINIMUM COMPLEXITY



ARCHITECTURAL
REFINED
DURABLE
ELEVATED

Canyonwood Brown



Monochrome Bone



Terrazzo Cool White



Travertine Andes Silver



Cotto



Quartzite Sandy Island

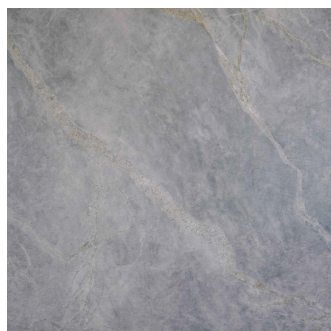
HIGH-END ARCHITECTURAL PORCELAIN PAVERS
MAXIMUM STRENGTH / MINIMUM COMPLEXITY

SkyWalk Porcelain Pavers

by Skydeck USA

Porcelain paver colors + sizes

Skywalk 2cm porcelain pavers made in the USA.



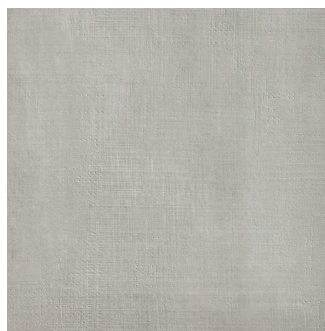
Bosco Silver

24 x 24



Calm White

12 x 12 | 12 x 24
24 x 24 | 24 x 48



Cementek - Cemento

24 x 24 | 24 x 48



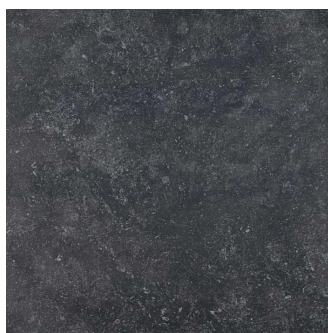
Cementek - Cenere

24 x 24 | 24 x 48



Cementek - Sandalo

24 x 24 | 24 x 48



Charcoal

12 x 24 | 24 x 24
24 x 48



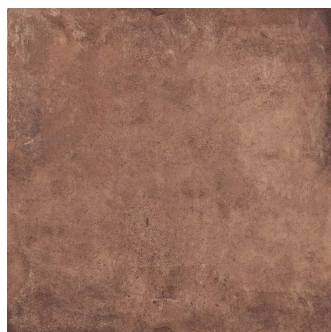
Coastal

12 x 12 | 12 x 24
24 x 24 | 24 x 48



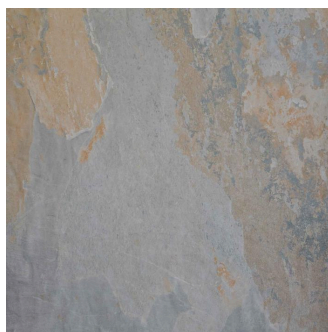
Coral

24 x 24



Cotto

12 x 24 | 24 x 24



Flagstone-Sienna-Slate

24 x 24

Sizes are nominal; verify actual dimensions and support layout before ordering. Images show representative variation.

SkyWalk Porcelain Pavers

by Skydeck USA

Porcelain paver colors + sizes

Skywalk 2cm porcelain pavers made in the USA.



Grey Mist

12 x 12 | 12 x 24
24 x 24 | 24 x 48



Hyalite

24 x 24



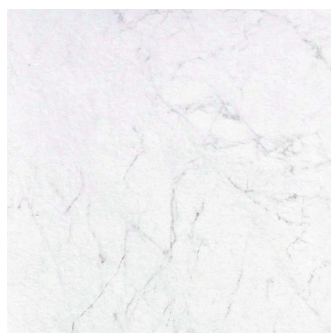
Limestone

12 x 12 | 12 x 24
12 x 48 | 24 x 24
24 x 48



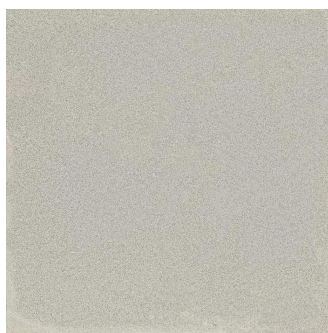
Lunar

12 x 12 | 12 x 24
24 x 24 | 24 x 48



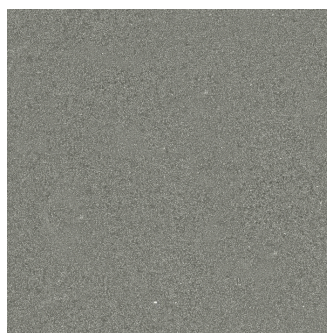
Marble - Glacial White

12 x 12 | 12 x 24
12 x 48 | 24 x 24
24 x 48



Monochrome - Ash

12 x 24 | 24 x 24



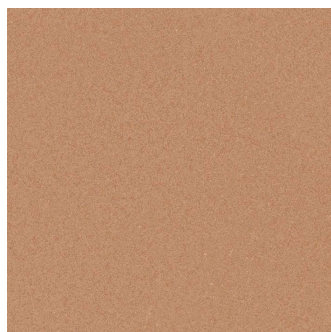
Monochrome - Basalt

12 x 24 | 24 x 24



Monochrome - Bone

12 x 24 | 24 x 24



Monochrome - Cognac

12 x 24 | 24 x 24



Monochrome - Sand

12 x 24 | 24 x 24

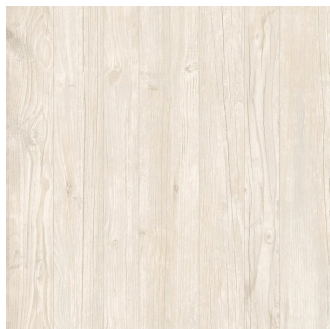
Sizes are nominal; verify actual dimensions and support layout before ordering. Images show representative variation.

SkyWalk Porcelain Pavers

by Skydeck USA

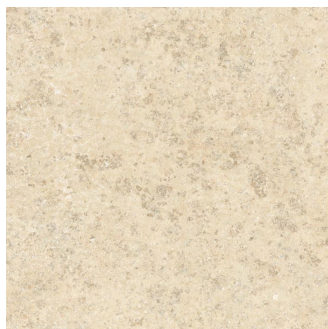
Porcelain paver colors + sizes

Skywalk 2cm porcelain pavers made in the USA.



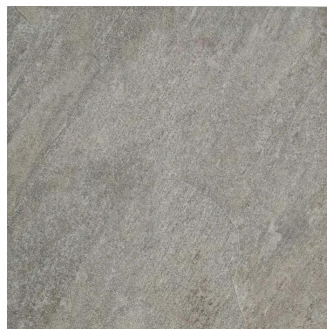
Nordic Pine

24 x 24



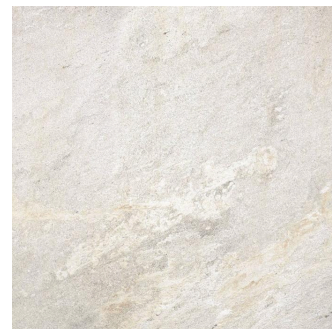
Quarry

12 x 24 | 24 x 24
24 x 48



Quartzite - Cloud

24 x 24



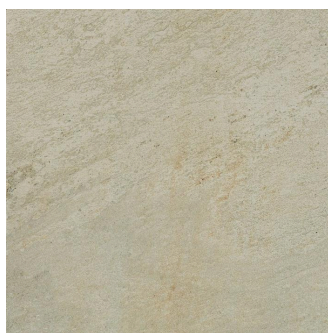
Quartzite - Crystal White

12 x 24 | 24 x 24
24 x 48



Quartzite - Laguna

24 x 24



Quartzite - Sandy Island

12 x 24 | 24 x 24



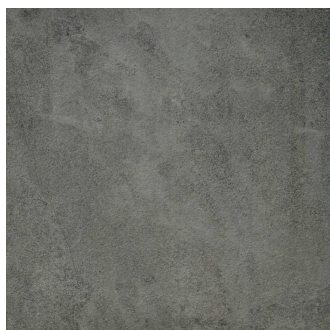
Ridge

12 x 12 | 12 x 24
24 x 24 | 24 x 48



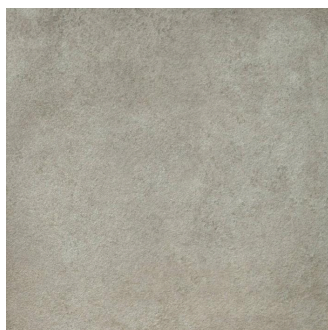
Slate Nero

12 x 24 | 24 x 24



StoneTech - Bluestone

12 x 24 | 24 x 24
24 x 48



StoneTech - Calstone

12 x 24 | 24 x 24
24 x 48

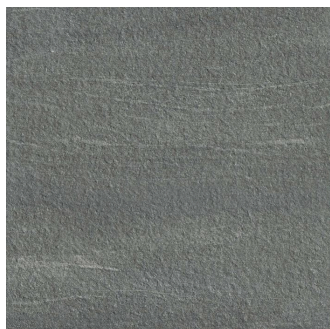
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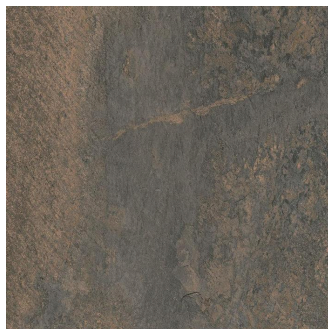
Porcelain paver colors + sizes

Skywalk 2cm porcelain pavers made in the USA.



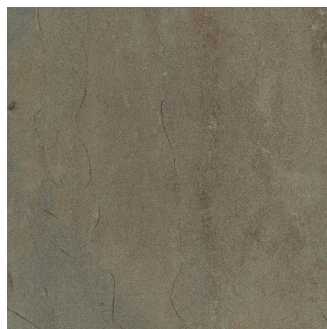
StoneTech - Greystone

12 x 24 | 24 x 24
24 x 48



StoneTech - Multicolor

24 x 24



StoneTech - Pennstone (Full Color)

12 x 12 | 12 x 24
12 x 48 | 24 x 24



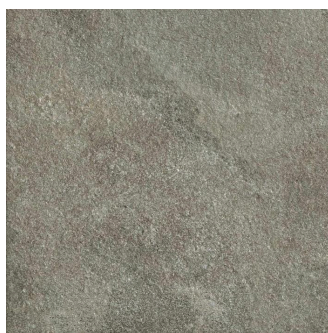
StoneTech - Pennstone (True Blue)

12 x 12 | 12 x 24
12 x 48 | 24 x 24



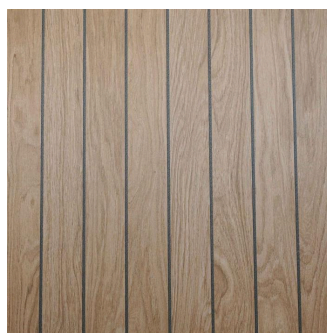
StoneTech - Riverstone

24 x 24



StoneTech - Titan

12 x 12 | 12 x 24
24 x 24



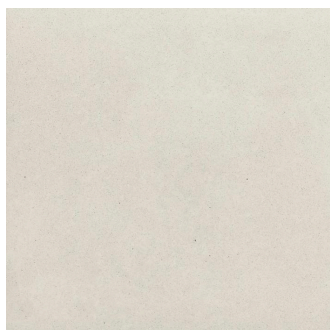
WoodLook - Strato-Teak

24 x 24



Terrazzo - Charcoal

12 x 24 | 24 x 24



Terrazzo - Cool Grey

12 x 24 | 24 x 24



Terrazzo - Cool White

12 x 24 | 24 x 24

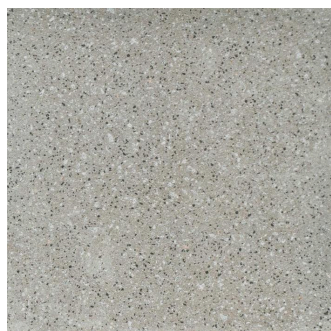
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SkyWalk Porcelain Pavers

by Skydeck USA

Porcelain paver colors + sizes

Skywalk 2cm porcelain pavers made in the USA.



Terrazzo - Grey Black

12 x 24 | 24 x 24



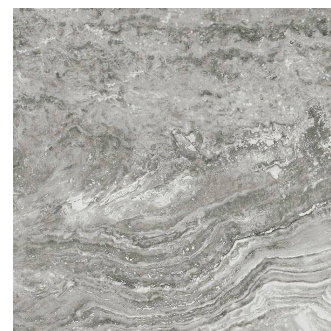
Terrazzo - White Black

12 x 24 | 24 x 24



Travertine - Andes Shell

12 x 12 | 12 x 24
24 x 24 | 24 x 48



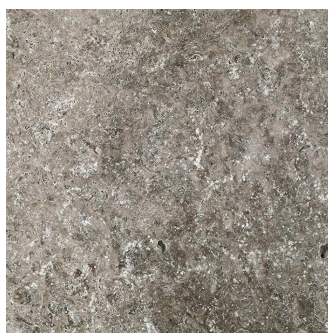
Travertine - Andes Silver

12 x 12 | 12 x 24
24 x 24 | 24 x 48



Travertine - Avorio

12 x 12 | 12 x 24
24 x 24 | 24 x 48



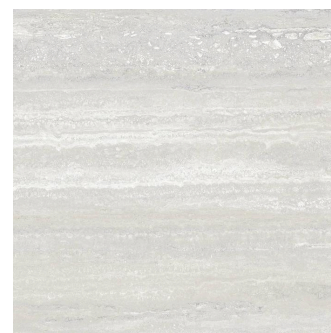
Travertine - Cappuccino

12 x 12 | 12 x 24
24 x 24 | 24 x 48



Travertine - Crema

12 x 12 | 12 x 24
24 x 24 | 24 x 48



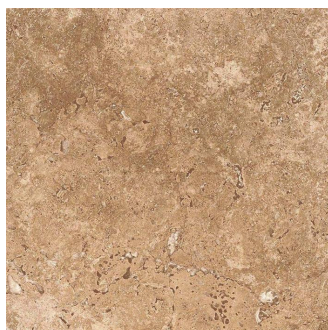
Travertine - Pearl

12 x 12 | 12 x 24
24 x 24 | 24 x 48



Travertine - River

12 x 12 | 12 x 24
24 x 24 | 24 x 48



Travertine - Walnut

12 x 12 | 12 x 24
24 x 24 | 24 x 48

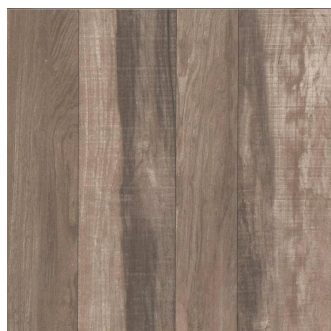
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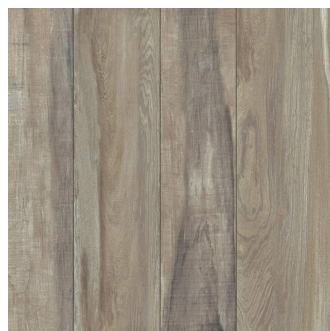
Porcelain paver colors + sizes

Skywalk 2cm porcelain pavers made in the USA.



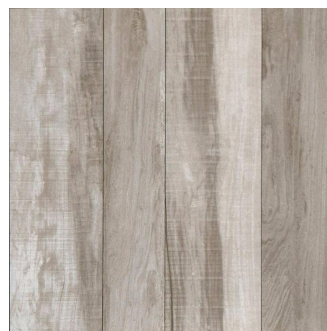
WoodLook - Canyonwood Brown

24 x 24



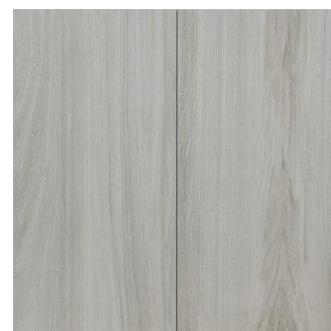
WoodLook - Canyonwood Grey

24 x 24



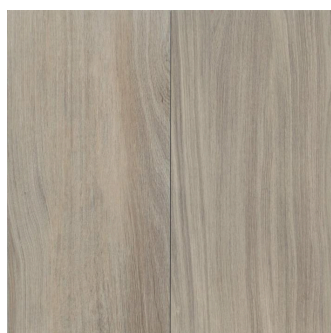
WoodLook - Canyonwood Ivory

24 x 24



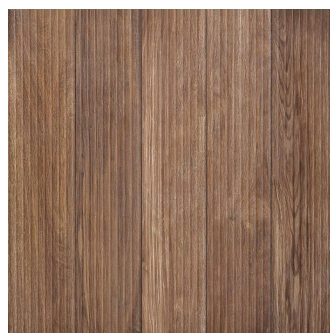
WoodLook - Drift

12 x 48 | 24 x 48



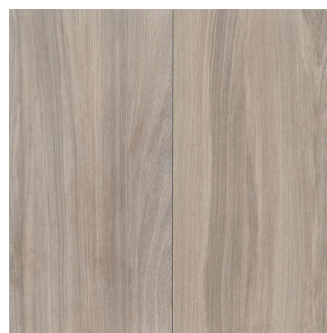
WoodLook - Forest Honey

12 x 48 | 24 x 48



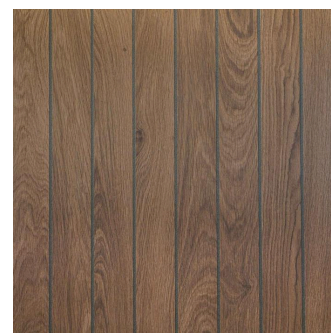
WoodLook - Lapacho

24 x 24 | 24 x 48



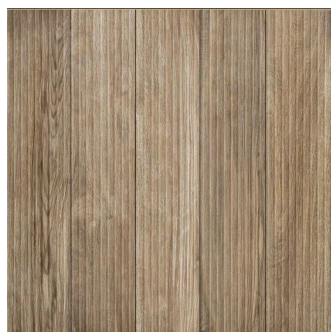
WoodLook - Pine

12 x 48 | 24 x 48



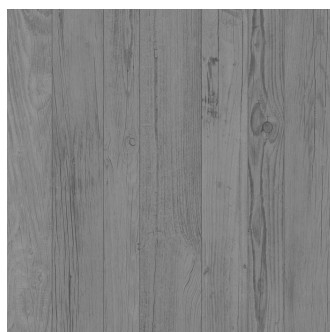
WoodLook - Strato-Chestnut

24 x 24



WoodLook - Tectona

24 x 24



WoodLook - Woodsmoke

24 x 24

SkyWalk Porcelain Pavers

by Skydeck USA

Solar Reflectance Index (SRI)

SkyWalk porcelain paver colors

PAVER COLOR	SRI	PAVER COLOR	SRI
Bosco Silver	NP	StoneTech - Greystone	41
Calm White	80	StoneTech - Multicolor	NP
Cementek - Cemento	70	StoneTech - Pennstone (Full Color)	42
Cementek - Cenere	76	StoneTech - Pennstone (True Blue)	42
Cementek - Sandalo	38	StoneTech - Riverstone	62
Charcoal	NP	StoneTech - Titan	44
Coastal	77	WoodLook - Strato-Teak	NP
Coral	70	Terrazzo - Charcoal	30
Cotto	47	Terrazzo - Cool Grey	72
Flagstone-Sienna-Slate	NP	Terrazzo - Cool White	84
Grey Mist	73	Terrazzo - Grey Black	58
Hyalite	40	Terrazzo - White Black	69
Limestone	70	Travertine - Andes Shell	68
Lunar	75	Travertine - Andes Silver	72
Marble - Glacial White	75	Travertine - Avorio	80
Monochrome - Ash	56	Travertine - Cappuccino	55
Monochrome - Basalt	35	Travertine - Crema	77
Monochrome - Bone	78	Travertine - Pearl	67
Monochrome - Cognac	42	Travertine - River	62
Monochrome - Sand	74	Travertine - Walnut	62
Nordic Pine	NP	WoodLook - Canyonwood Brown	38
Quarry	75	WoodLook - Canyonwood Grey	49
Quartzite - Cloud	62	WoodLook - Canyonwood Ivory	52
Quartzite - Crystal White	81	WoodLook - Drift	75
Quartzite - Laguna	44	WoodLook - Forest Honey	68
Quartzite - Sandy Island	48	WoodLook - Lapacho	36
Ridge	70	WoodLook - Pine	58
Slate Nero	21	WoodLook - Strato-Chestnut	NP
StoneTech - Bluestone	40	WoodLook - Tectona	43
StoneTech - Calstone	56	WoodLook - Woodsmoke	NP

NP = not published for this exact color in the sources reviewed. SRI is dimensionless; it is not percent solar reflectance. Confirm the selected color, factory and size against the project requirement.

SkyWalk Porcelain Pavers

by Skydeck USA

Routine maintenance + care

Simple cleaning. Clear drainage. Stable, serviceable pavers.



1. Sweep regularly

Use a soft broom to remove sand, leaves and grit. Increase frequency in busy areas and after storms.

2. Remove spills promptly

Blot spills and rinse with warm water. Avoid spreading oil or grease across the deck.

3. Wash when needed

Use a diluted pH-neutral cleaner and a soft nylon brush or mop. Test a small area first; follow the cleaner label.

4. Rinse thoroughly

Rinse with clean water to remove detergent. Keep joints open and allow water to drain beneath the deck.

5. Treat persistent stains carefully

Ask Skydeck for a porcelain-compatible stain cleaner. Check compatibility with backing, metal and roofing; rinse well. Do not use hydrofluoric acid, wax or abrasive pads.

6. Inspect joints and drainage

Seasonally and after storms, clear surface debris from joints and drain access points. Arrange qualified access below the deck if cleaning requires lifting pavers.

7. Check stability and damaged pavers

Look for rocking, uneven edges, cracks or movement. Keep people off damaged areas and have the installer replace pavers or reset supports. Safety backing does not make a broken paver safe for continued use.

8. Protect the completed deck

Lift furniture instead of dragging it; use protective feet. Do not alter supports or add heavy equipment without checking loads. Porcelain normally does not require sealing.

Porcelain Stair Treads, Coping, Drains & Capping

Custom coordinated trim pieces for 3/4" porcelain paver systems.

Complete your outdoor space with SkyDeck USA porcelain trim pieces.

Designed to coordinate with our porcelain pavers, these custom components provide the perfect finishing details for stairs, pool edges, drains, raised deck perimeters and wall caps — combining performance, durability and a cohesive, architectural look.

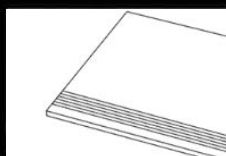


DESIGNED
FOR A HIGHER
STANDARD®

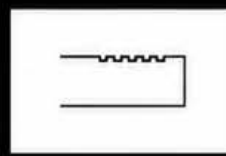


Stair Treads (Grip Edge)

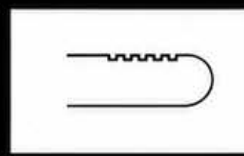
Enhanced visibility and slip resistance provide a clean, durable stair nosing for a safer, more refined look.



24" x 12" (typ.)



Grip at rectified edge



Grip at bullnose edge

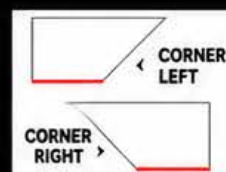


Paver Step Treads / Pool Coping

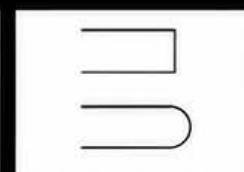
A durable finished edge detail for stairs and pool perimeters, providing safety, edge protection and clean transitions.



24" x 12" (typ.)



Rectified Edge



Rectified and bullnose



Pool Drains and Edges

Efficient water management and a coordinated appearance designed for wet-area performance.



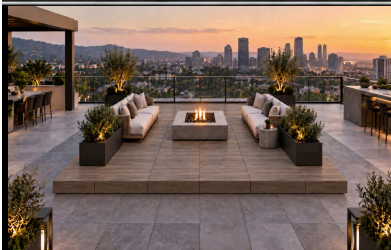
3 cover sizes



Corner grid



Bullnose edge

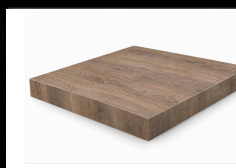


L Pieces

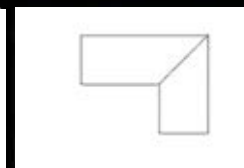
A clean, durable edge finish for raised porcelain paver installations, concealing exposed pedestal systems.



Straight L pieces



Corner L pieces



Mitered corner



Wall Capping

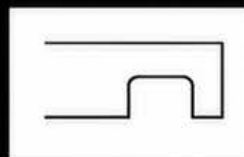
Ideal for retaining walls, parapets and planters, providing protection for structures and a cohesive architectural finish.



Grooved on long sides



Grooved sides and end



Groove on underside

Custom made components. Not all pieces are available in every stocked color.
Typical lead time: 5–10 weeks.



porcelain paver **technical specifications**



Characteristic	Test Method	Value*
Thickness		3/4"
Weight		9 lb/sq.ft
Water Absorption	ISO 10545-3	<0.1%
Breaking Strength	ISO 10545-4	>2200 lbf
Modulus of Rupture	ISO 10545-4	>7000 psi
Static Load Capacity		
Center	EN 12825	>1700 lbf
Side Center	EN 12825	>1200 lbf
Diagonal	EN 12825	>1500 lbf
Bending Strength	EN 1339	Class 14
Impact Resistance	ISO 10545-5	>0.55
Resistance to Abrasion	ISO 10545-6	Conforms
Frost Resistant	ISO 10545-12	Resistant
Resistant to Thermal Shock	ISO 10545-9	Resistant
Resistance to Chemicals	ISO 10545-13	UA
Resistance to Acids & Alkalis	ISO 10545-14	Class 5
Fire Resistance	EN3501-1	A1-A1 FL
Barefoot Ramp Test	DIN 51097	A+B+C
Shod Ramp Test	DIN 51130	R11
Static Coefficient of Friction	ASTM C1028-2007	>0.6 wet, >0.6 dry
Slip Resistance	DM236/89 B.C.R.A.	>0.40

*Average values - compliant with relevant standard





intro to pedestals

[Click here to view our pedestals introduction video.](#)

adjustable pedestals



SD-XXS
3/8" - 5/8"



SD-XS
5/8" - 1-1/4"



SD-S
1-1/4" - 2"



SD-M
1.75" - 3"



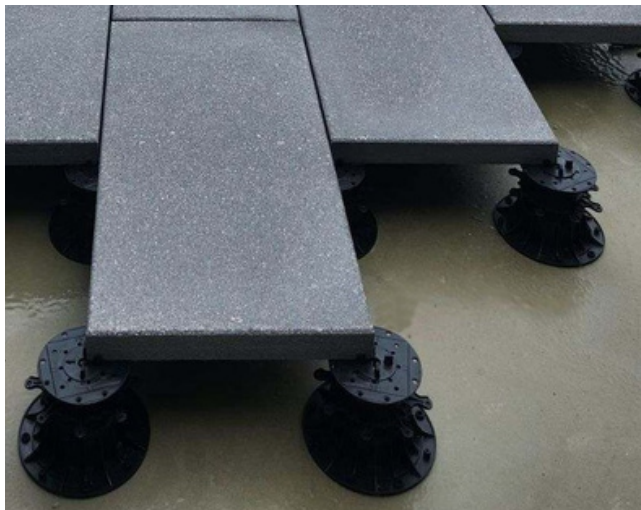
SD-L
3" - 6"



SD-XL
6" - 13.75"



SD-XL + SD-XL-EXT
13.75" - 21.75"
Add more for heights up to 37.75"



fixed height pedestals

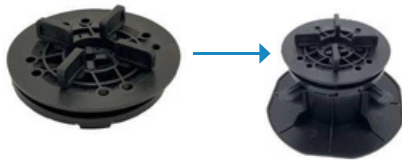
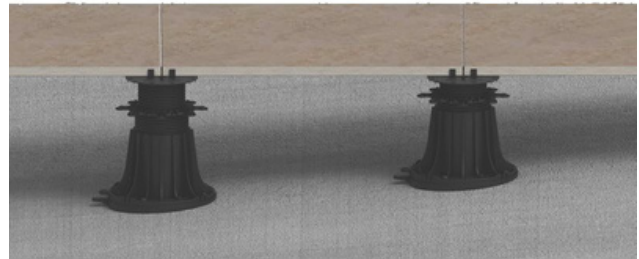


SD-TS - 1/16" Gap Spacer
For use on roofs, concrete or on grade over a prepared level base.



SD-00 - 1/4" Stackable
Stacks up to 1.25" tall, use shims for smaller height adjustments.





Self- Leveling Heads

Self-leveling heads snap on top of any adjustable pedestal.

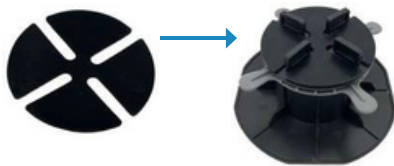
For accomodating slopes up to 5%.



Base Slope Corrector

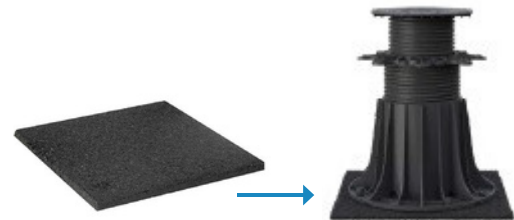
Base slope correctors snap onto the bottom of SD-M, SD-L and SD-XL pedestals.

For accomodating slopes up to 5%.



Shims Heads

Shims provide sound dampening and ensure that the corners of each paver are flush with one another.



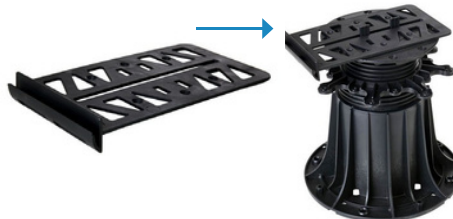
Roof Protection Pads

Protection pads dampen sound and protect the waterproofing membrane.



Joist Adapter Heads

Securely holds 2x wood, aluminum or composite joists



Wall Clips for Perimeter Pedestals

Maintain uniform spacing and stability along walls and edges.



Height Extender Sleeve

8" Extender to add height to SD-XL pedestal. Stack up to 3 extenders for pedestal heights up to 37.75".





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SKYJACK PEDESTAL TECHNICAL DATA

Intended Uses:

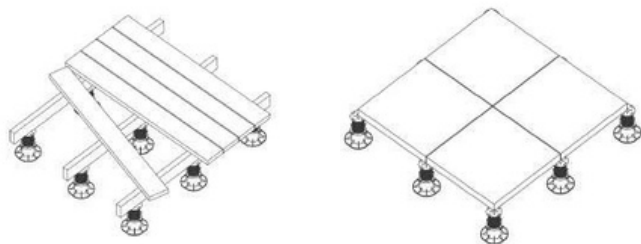
SKYJACK adjustable pedestals are used to support raised rooftop terraces to create level patios on top of roofs that slope up to 7% taking once wasted rooftop space and making it a showcase space for any building. SKYJACK adjustable pedestals can also help eliminate more expensive patio supports like steel or wood frames with a weight bearing capacity of up to 2,150 lbs. per pedestal.

Application:

SKYJACK pedestals are uniquely designed to achieve perfectly level patios with the easy twist of our screw ring. Set up your laser level, place pavers or decking on top of the pedestals and twist until level. Simple, easy and perfect results every time.

Calculating # of Pedestals([click here for an automatic product calculator](#))

1. Calculate the total # of pavers (ie - 46 pavers)
2. Calculate the total # of pavers needed around the perimeter and divide by the width of the paver (typically 2') (ie - 26 - 2'x2' pavers, so $26/2 = 13$)
3. Add the totals together ($46 + 13 = 59$)
4. Add 5% for waste ($59 * .05 = 2.95$)
5. $59 + 3 = 62$ pedestals needed



****SKYJACK** pedestals can be used with any of our various size or shaped materials including decking and concrete pavers.



SD-TS
1/16" Spacer



SD-00
1/4" Stackable



SD-XXS
3/8"-5/8"



SD-XS
5/8"-1-1/4"



SD-S
1-1/4"- 2"



SD-M
1.75"- 3"



SD-L
3" - 6"

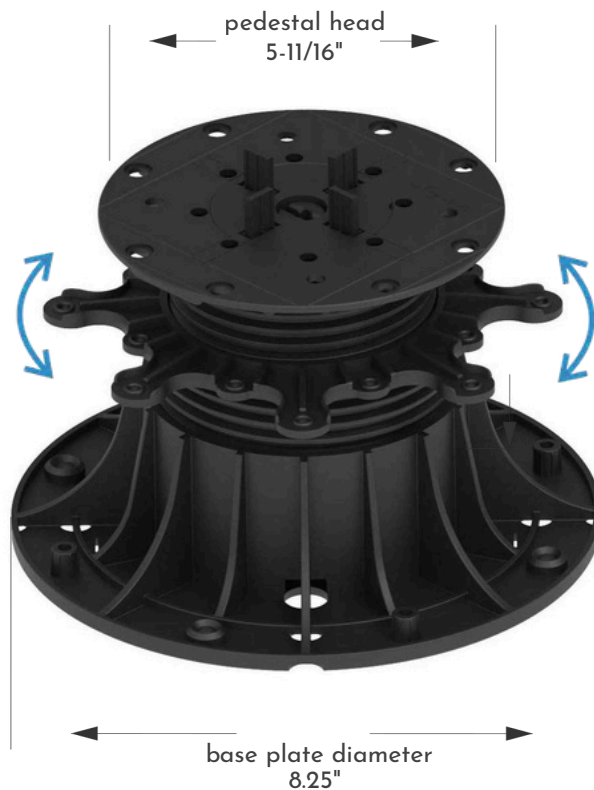


SD-XL
6"- 13.75"



SD-XL-EXT
8" Height Extender

SKYJACK adjustable pedestal system by skydeck usa



- 1 wide, stable base
- 2 screw ring for height adjustment
- 3 head with screw
- 4 removable spacer tabs

Material: Fully Recyclable High Density Copolymer Poly Propylene (HD CPP). Made of partially recycled materials.



Temp. Range:

-22 to 200 degrees Fahrenheit

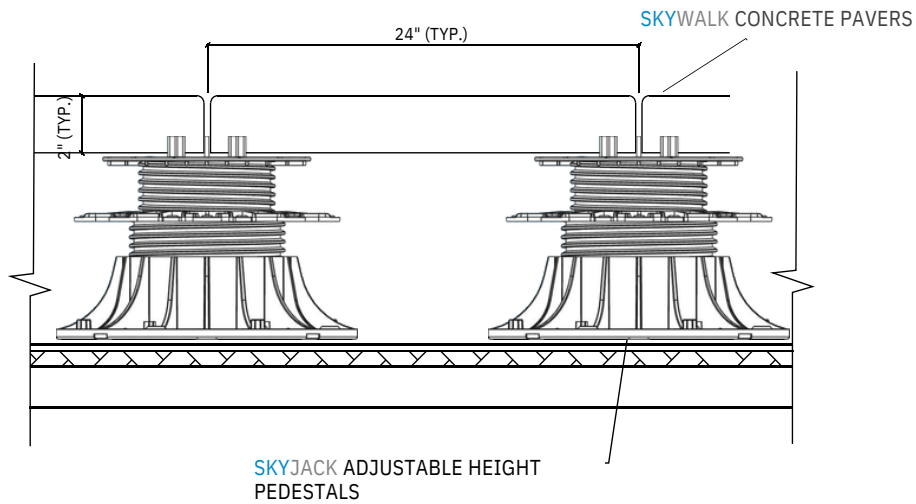
Weight Capacity:

2,150 lbs per pedestal

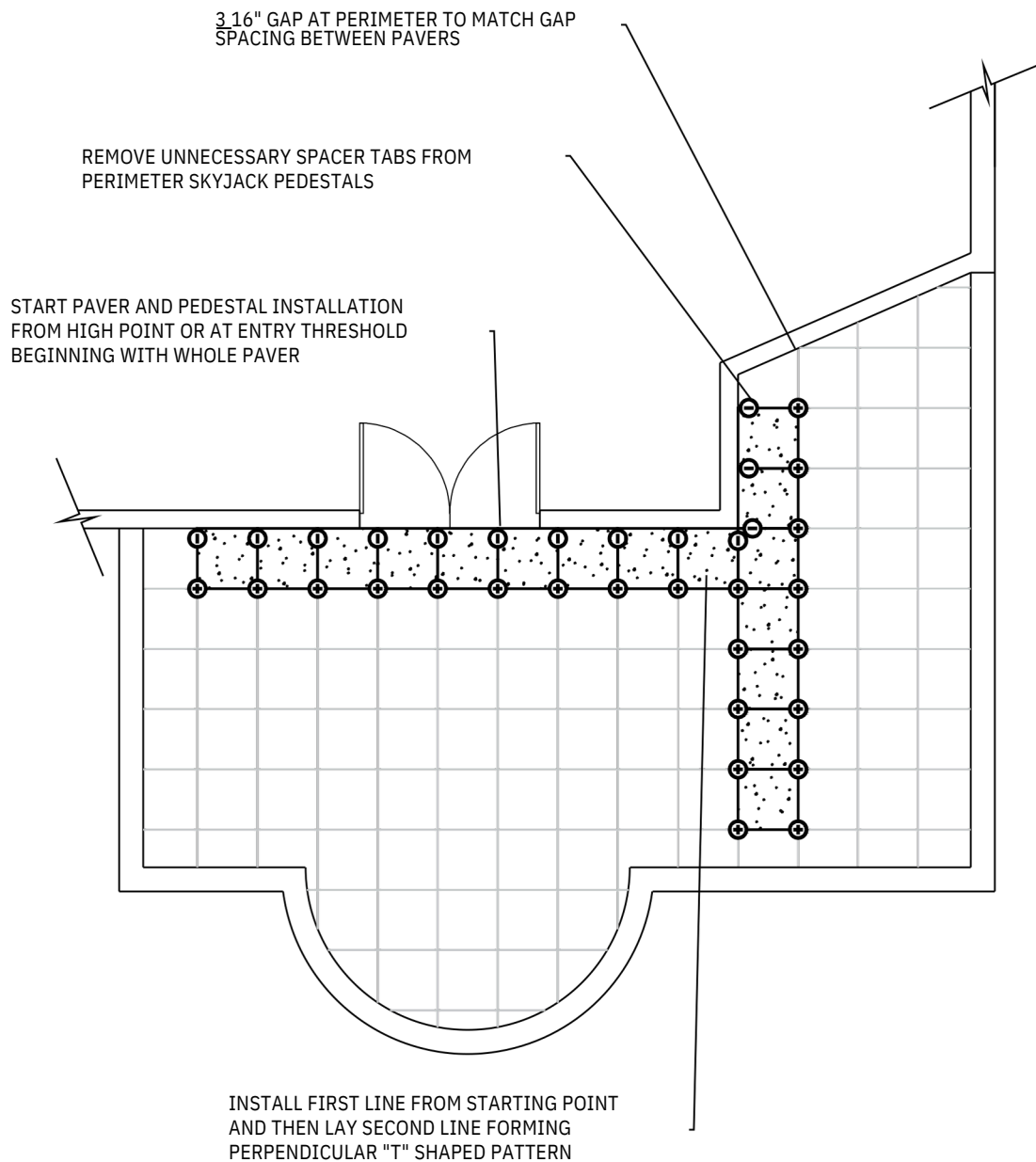
Atmospheric Conditions:

Resistant to UV, Aging and Decay





[*Click here to view our pedestal installation video](#)

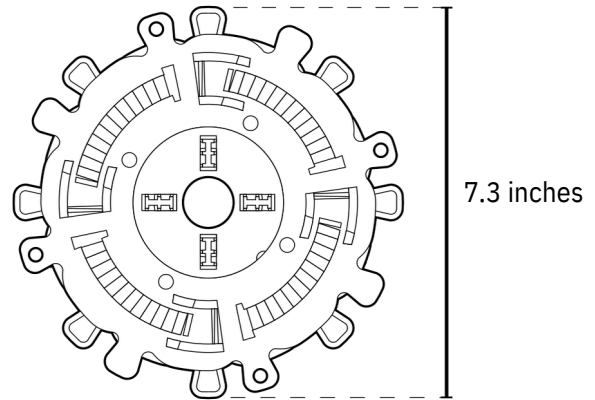




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Rooftop Patios. Simply Done.

SkyJack Spiral Series Adjustable Pedestals

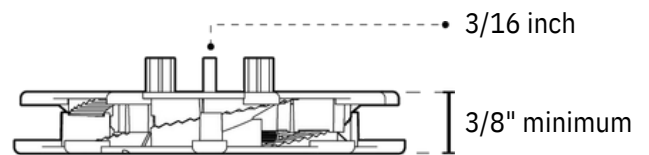
For Low Height Adjustment from .375" up to 2"



Introducing the new SkyJack low height spiral adjustable pedestal series. This revolutionary pedestal line will save time and labor by allowing for low height adjustments unprecedented in the industry.

Competitor's low height products require stacking multiple shims on top of one another which is time consuming and very difficult to get perfectly level. This SkyJack Adjustable Spiral Pedestal Series removes all the difficulty by allowing for height adjustments of just 1mm with the simple rotation of the pedestal head.

The spiral series adjustable pedestals have removable, rotating gap spacer discs for use with pavers and tiles. Our spiral series pedestals are also compatible with our deck joist adapter heads making them versatile with any flooring product you choose.



Product names:

SkyJack SD-XXS - 3/8" - 5/8"

SkyJack SD-XS - 5/8" - 1.25"

SkyJack SD-S - 1.25" - 2"

- **Adjusts in 1 mm height increments**
- **Provides all benefits of adjustable pedestals**





Gap spacers

Compatible with standard
3/16" gap spacers



Rotating spacer disc

Removeable, rotating spacer
disc makes creating perfect tile
spacing a breeze



Joist adapter

Compatible with
our SD-AD deck
joist adapter
heads

ADJUSTS IN 1 MM HEIGHT INCREMENTS FOR MAXIMUM FLEXIBILITY



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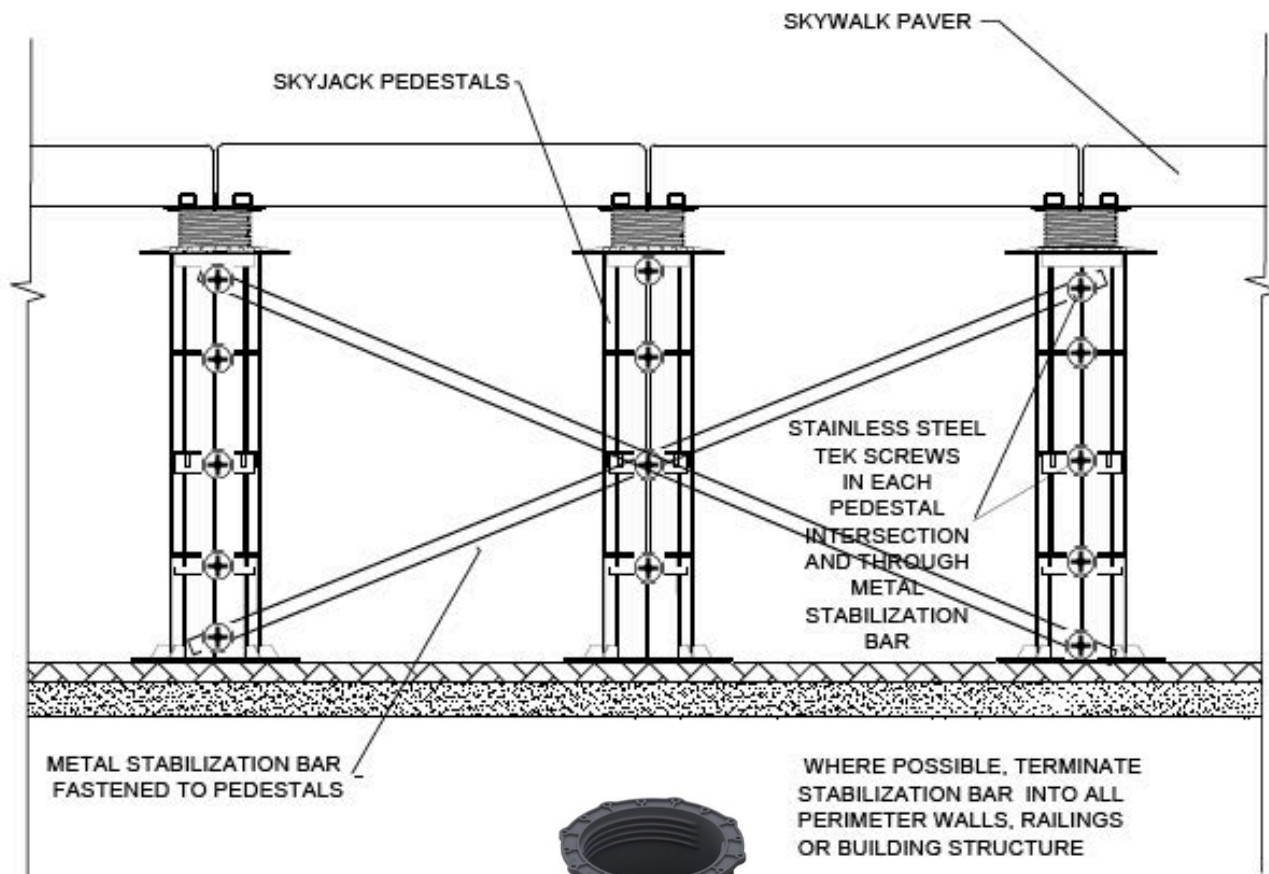




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SkyHeights Pedestal System

Required for pedestal heights over
21.75" and up to 37.75" tall



Extruded aluminum with mill finish
0.050" Thick X 1" Wide X 10' Long



8" Extender
Sleeve

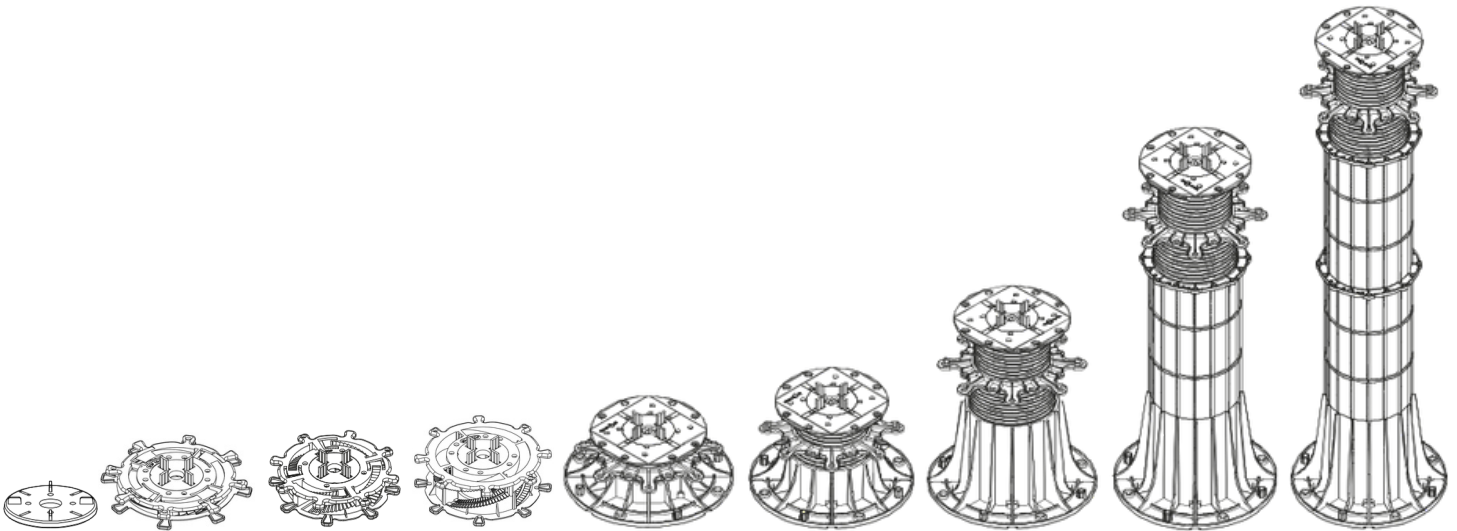


18-8 Stainless
Steel Screws



SKYJACK PEDESTALS

ADJUSTABLE PEDESTAL SYSTEM by SKYDECK USA



ADJUSTABLE HEIGHT PEDESTALS
FOR ELEVATING ALL VARIETIES AND LOCATIONS OF TERRACE DECKING



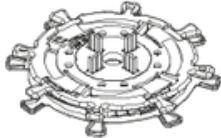
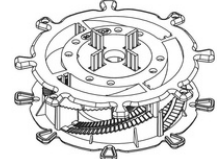
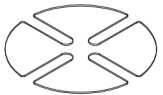
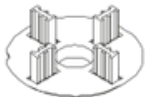
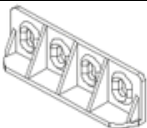
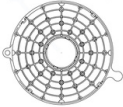
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COMPONENTS LIST

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

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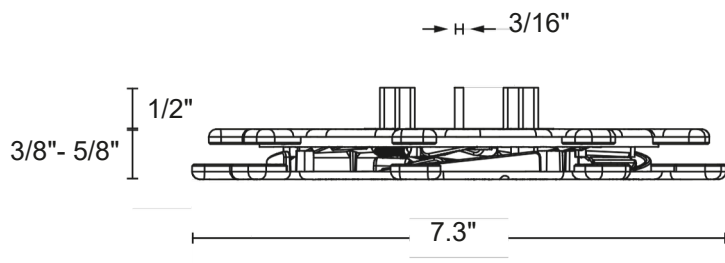
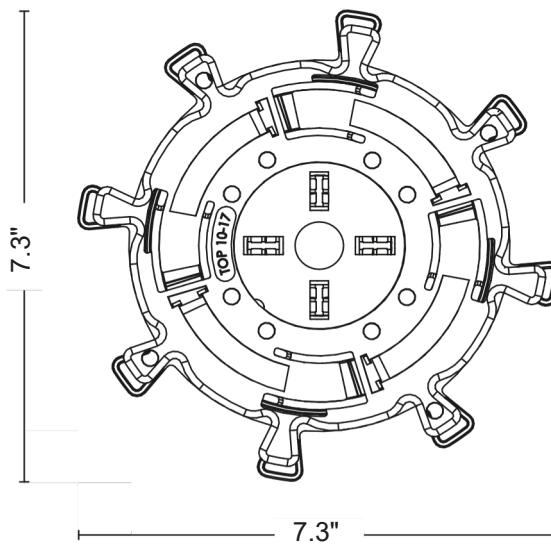
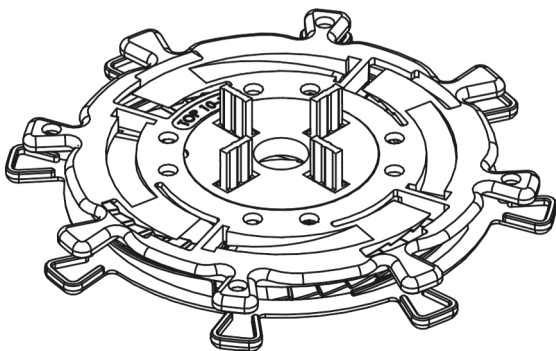
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info@skydeckusa.com

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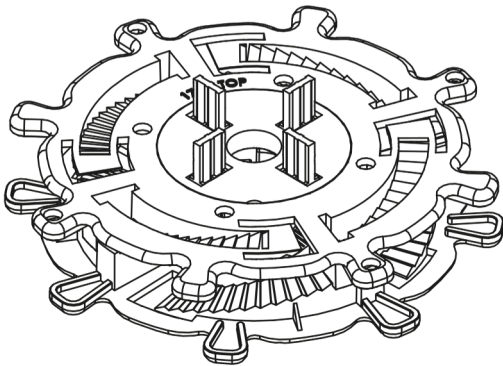
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ADJUSTABLE PEDESTAL 5/8" - 1-1/4"

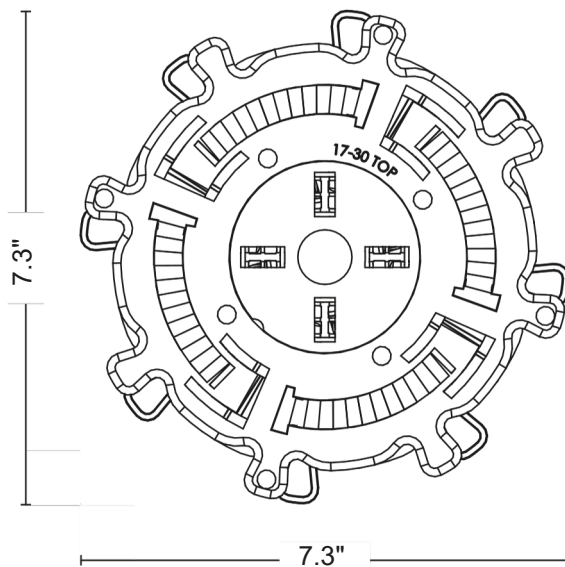
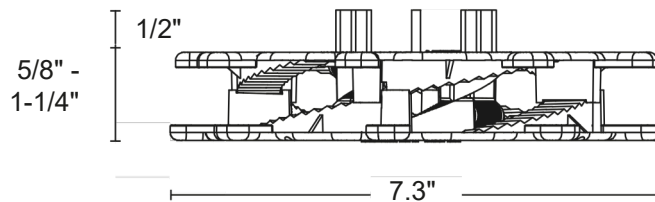
The SKYJACK ADJUSTABLE PEDESTAL SYSTEM offers varying height ranges from 3/8" up to 37.75".

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

Adjustable Pedestal System by SKYDECK USA

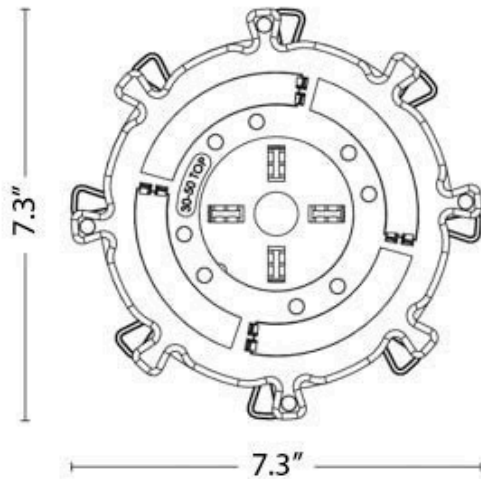
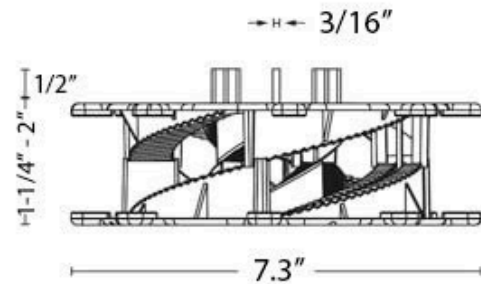
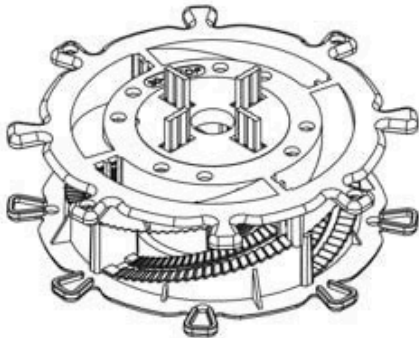
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ADJUSTABLE PEDESTAL 1-1/4" - 2"

The SKYJACK ADJUSTABLE PEDESTAL SYSTEM offers varying height ranges between 1/8" - 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

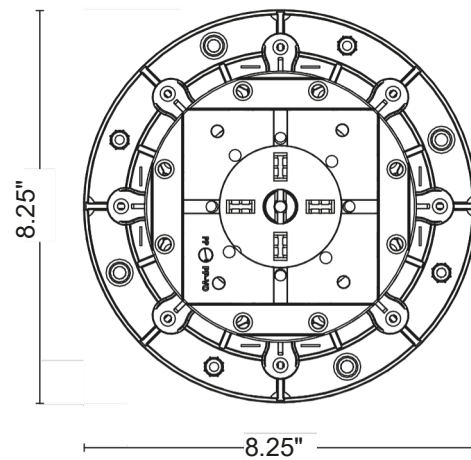
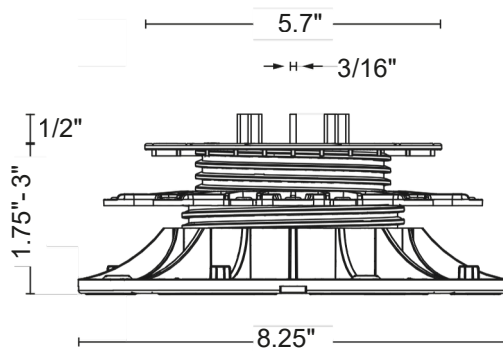
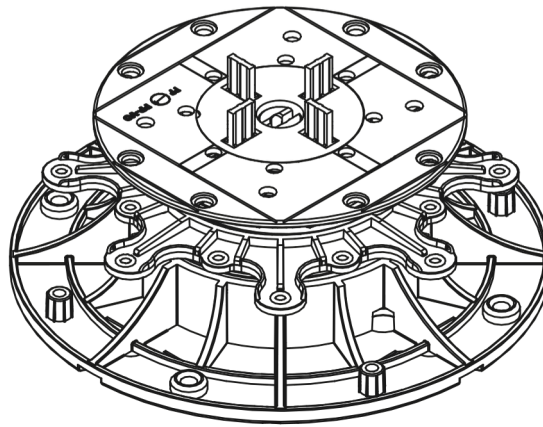
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ADJUSTABLE PEDESTAL 1.75" - 3"

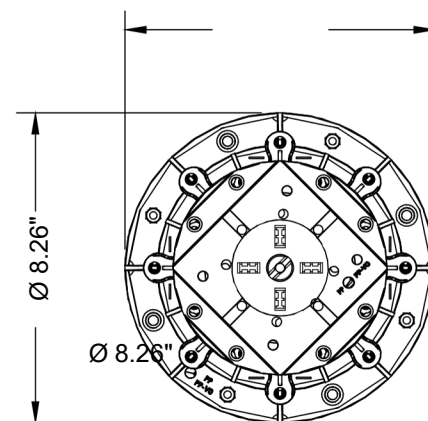
The SKYJACK ADJUSTABLE PEDESTAL SYSTEM offers varying height ranges between 5/8" - 13.75"

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

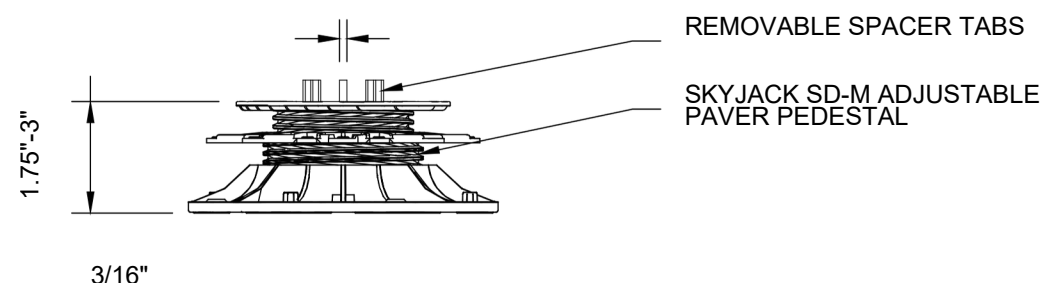
SKYJACK ADJUSTABLE PEDESTALS allow for easy and efficient height adjustments and leveling of raised terraces. The width of the pedestal base provides sufficient stability for all construction.



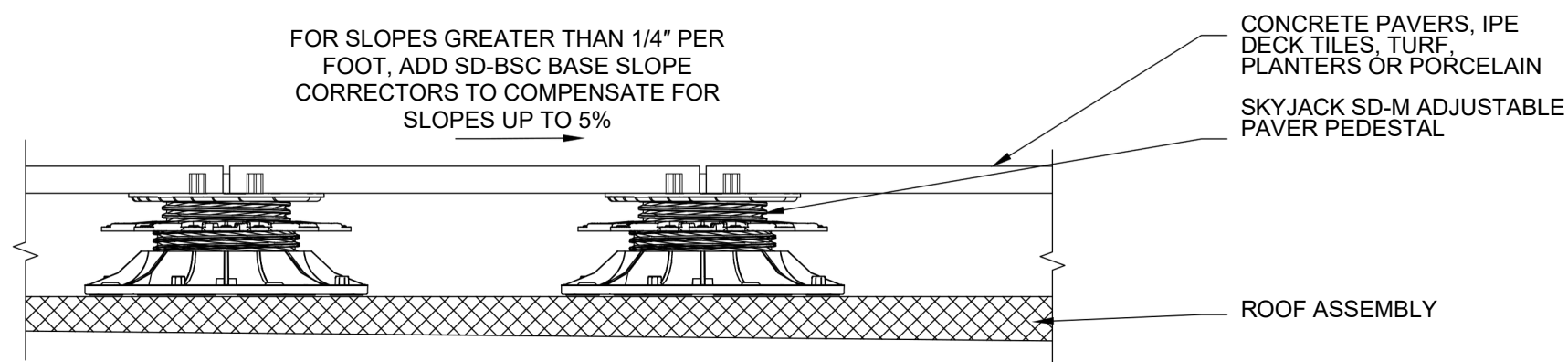
SKYJACK ADJUSTABLE PEDESTAL SD-M



PLAN VIEW



FRONT ELEVATION SD-M
WITH TOP PLATE



INSTALLATION DETAIL
TYPICAL PEDESTAL APPLICATION

SPECIFICATIONS		NOTES: - BOX CONTENTS: ONE FULLY ASSEMBLED SD-M ADJUSTABLE PAVER PEDESTAL WITH 3/16" GAP SPACERS*. 54 PCS PER BOX. * 1/8" GAP SPACERS ARE AVAILABLE UPON REQUEST
MATERIAL	FULLY RECYCLABLE HIGH DENSITY COPOLYMER POLY PROPYLENE (HDCPP)	
TEMP. RANGE	-22 to 200 DEGREES FAHRENHEIT	
WEIGHT CAPACITY	2,150 LBS PER PEDESTAL	

ADJUSTABLE PAVER PEDESTAL
 SKYJACK: PEDESTAL SD-M (1.75"-3")

DWG. NO.	DATE: 6/20/25
SHEET	





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ADJUSTABLE PEDESTAL

SD-L

SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

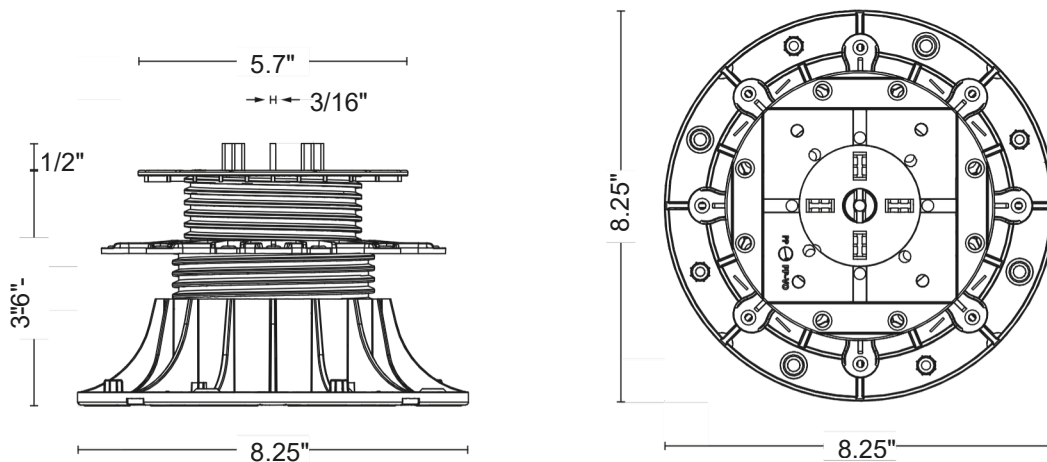
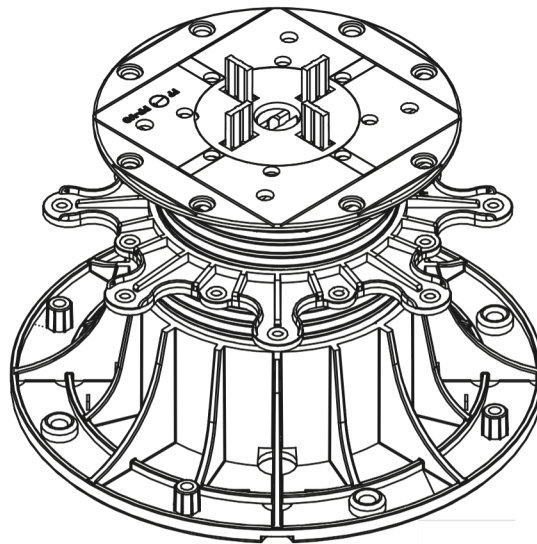
www.skydeckusa.com
info@skydeckusa.com

ADJUSTABLE PEDESTAL 3" - 6"

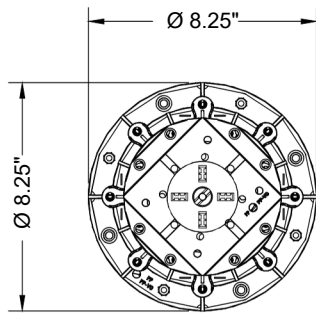
The SKYJACK ADJUSTABLE PEDESTAL SYSTEM offers varying height ranges between 5/8" - 13.75"

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

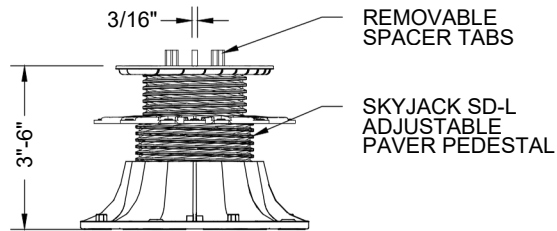
SKYJACK ADJUSTABLE PEDESTALS allow for easy and efficient height adjustments and leveling of raised terraces. The width of the pedestal base provides sufficient stability for all construction.



SKYJACK ADJUSTABLE PEDESTAL SD-L

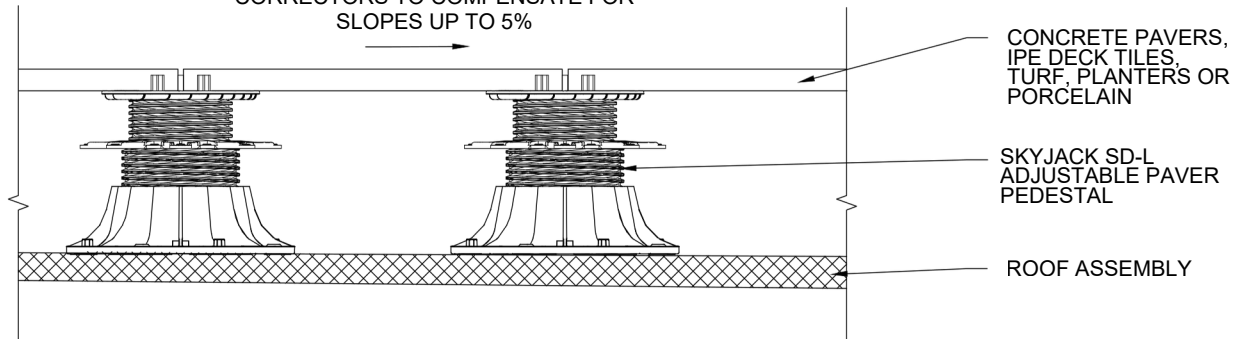


PLAN VIEW



FRONT ELEVATION
SD-L WITH TOP PLATE

FOR SLOPES GREATER THAN 1/4" PER
FOOT, ADD SD-BSC BASE SLOPE
CORRECTORS TO COMPENSATE FOR
SLOPES UP TO 5%



INSTALLATION DETAIL
TYPICAL PEDESTAL APPLICATION

SPECIFICATIONS		NOTES:
MATERIAL	FULLY RECYCLABLE HIGH DENSITY COPOLYMER POLY PROPYLENE (HDCPP)	- BOX CONTENTS: ONE FULLY ASSEMBLED SD-L ADJUSTABLE PAVER PEDESTAL WITH 3/16" GAP SPACERS*. 36 PCS PER BOX. * 1/8" GAP SPACERS ARE AVAILABLE UPON REQUEST
TEMP. RANGE	-22 to 200 DEGREES FAHRENHEIT	
WEIGHT CAPACITY	2,150 LBS PER PEDESTAL	

ADJUSTABLE PAVER PEDESTAL

SKYJACK: PEDESTAL SD-L (3"-6")

DWG. NO.	DATE: 6/20/25
SHEET	BY:





ADJUSTABLE PEDESTAL

SD-XL

SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

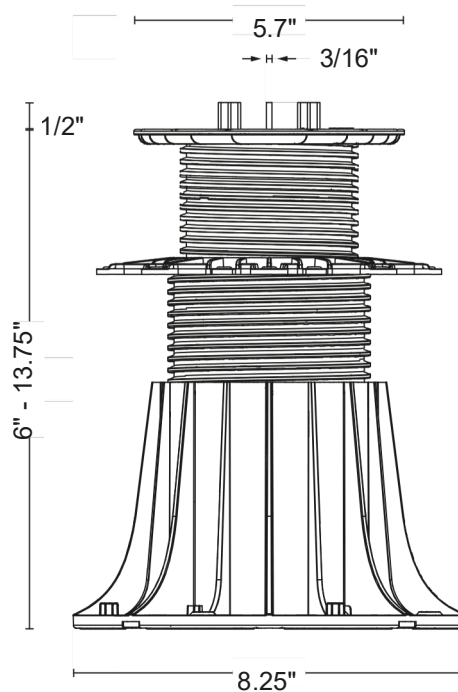
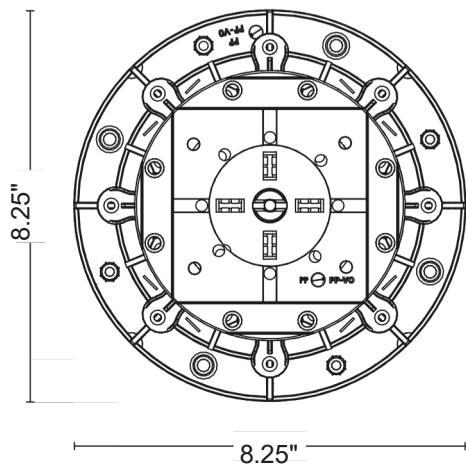
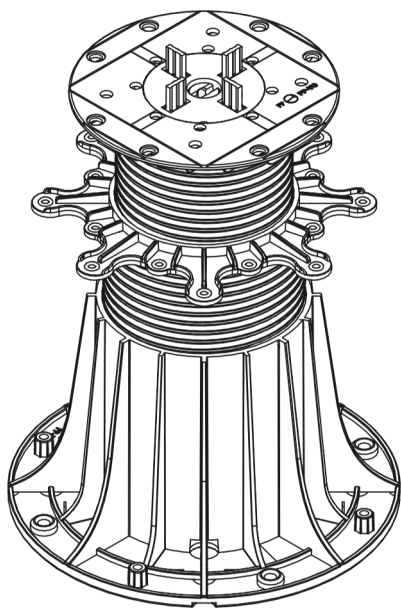
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ADJUSTABLE PEDESTAL 6" - 13.75"

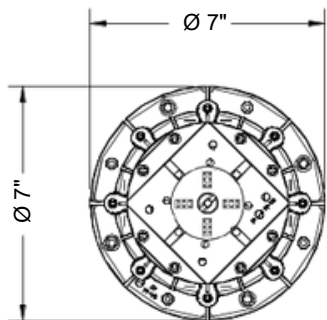
The SKYJACK ADJUSTABLE PEDESTAL SYSTEM offers varying height ranges between 5/8" - 13.75"

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

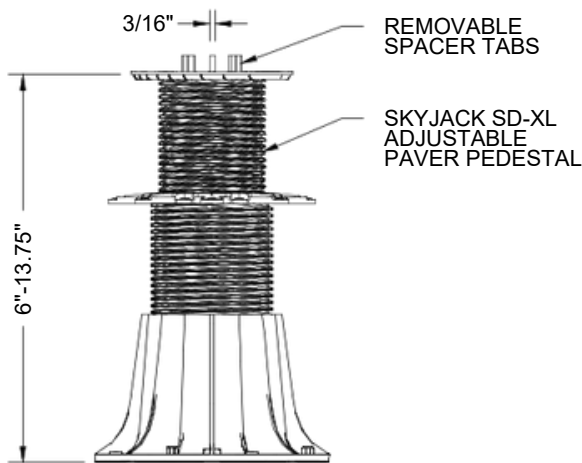
SKYJACK ADJUSTABLE PEDESTALS allow for easy and efficient height adjustments and leveling of raised terraces. The width of the pedestal base provides sufficient stability for all construction.



SKYJACK ADJUSTABLE PEDESTAL SD-XL

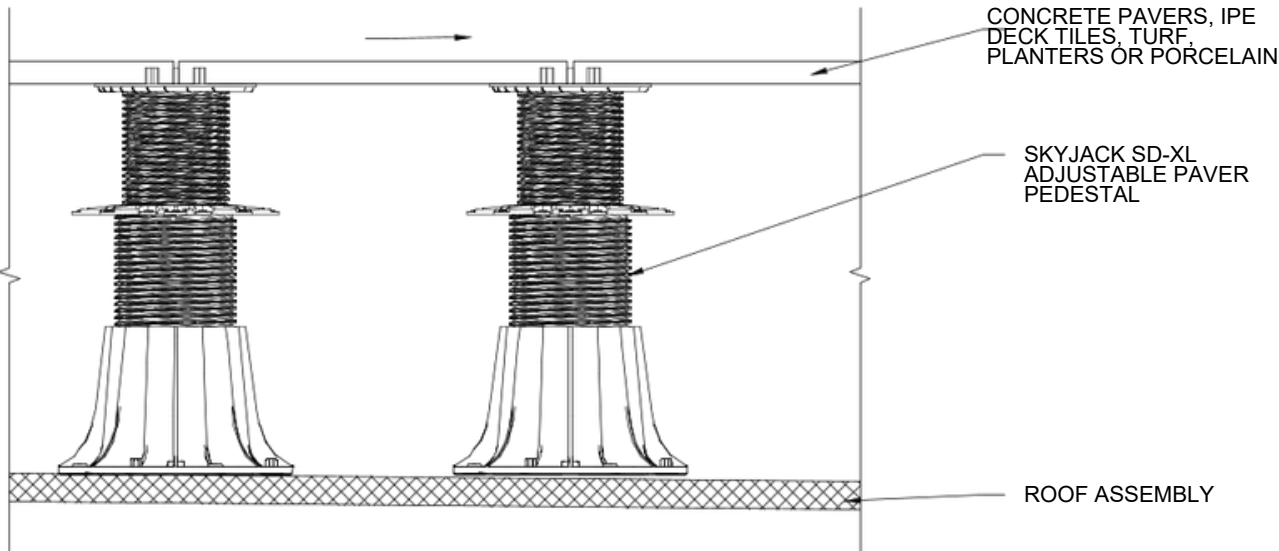


PLAN VIEW



FRONT ELEVATION
SD-XL WITH TOP PLATE

FOR SLOPES GREATER THAN 1/4" PER FOOT, ADD
SD-XL-SLH SELF-LEVELING HEADS TO COMPENSATE
FOR SLOPES UP TO 5%



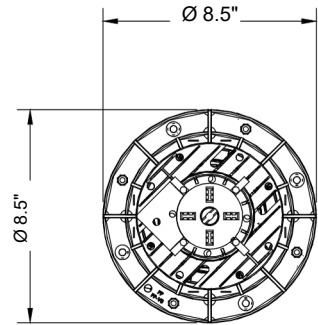
INSTALLATION DETAIL
TYPICAL PEDESTAL APPLICATION

SPECIFICATIONS		NOTES:
MATERIAL	FULLY RECYCLABLE HIGH DENSITY COPOLYMER POLY PROPYLENE (HD CPP)	- BOX CONTENTS: ONE FULLY ASSEMBLED SD-XL ADJUSTABLE PAVER PEDESTAL WITH 3/16" GAP SPACERS*. 18 PCS PER BOX. * 1/8" GAP SPACERS ARE AVAILABLE UPON REQUEST
TEMP. RANGE	-22 to 200 DEGREES FAHRENHEIT	
WEIGHT CAPACITY	2,150 LBS PER PEDESTAL	

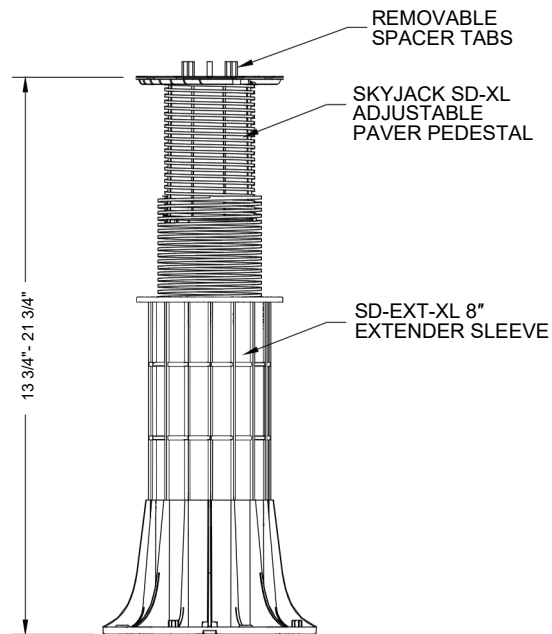
ADJUSTABLE PAVER PEDESTAL

SKYJACK: PEDESTAL SD-XL (6"-13.75")

DWG. NO.	DATE: 6/20/25	
SHEET	BY:	

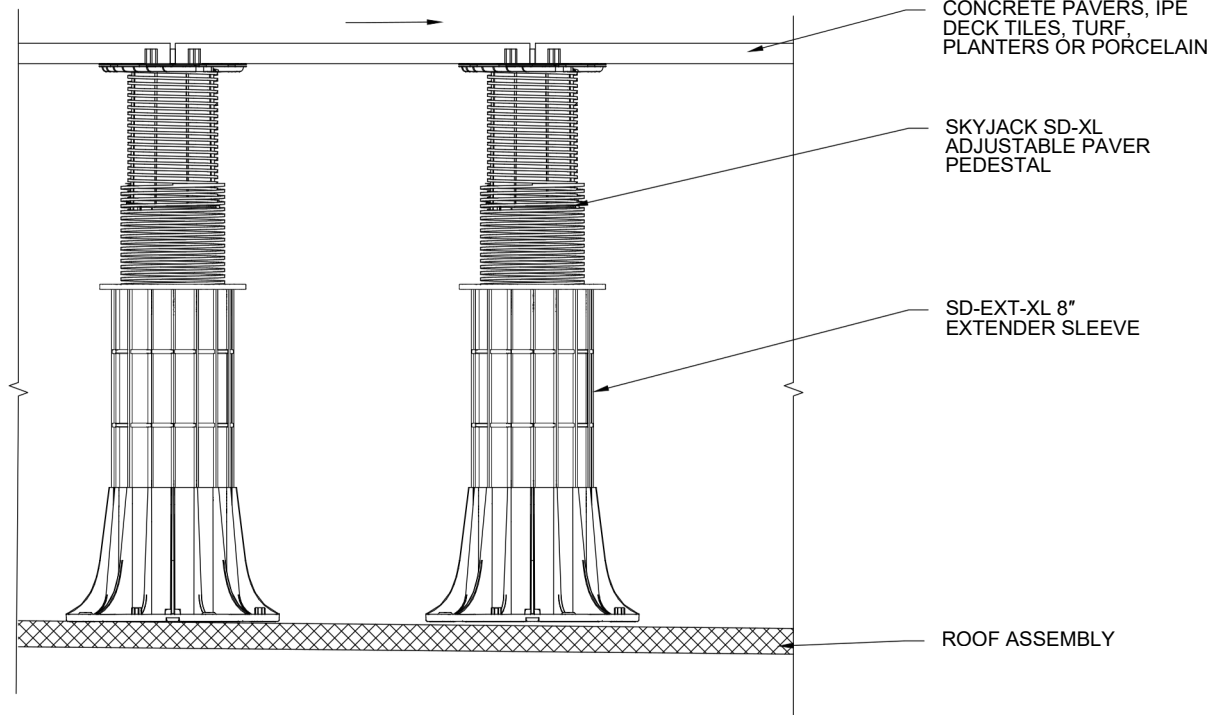


PLAN VIEW



FRONT ELEVATION
SD-XL + SD-XL-EXT WITH TOP PLATE

FOR SLOPES GREATER THAN 1/4" PER FOOT,
USE SD-BSC BASE SLOPE CORRECTOR TO COMPENSATE FOR SLOPES
UP TO 5%.



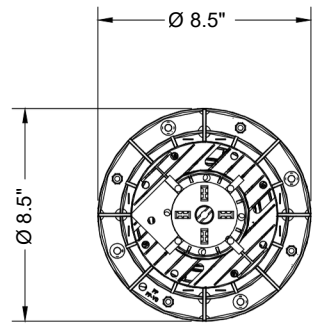
INSTALLATION DETAIL
TYPICAL PEDESTAL APPLICATION

SPECIFICATIONS		NOTES:
MATERIAL	FULLY RECYCLABLE HIGH DENSITY COPOLYMER POLY PROPYLENE (HDPP)	- BOX CONTENTS: ONE FULLY ASSEMBLED SD-XL ADJUSTABLE PAVER PEDESTAL WITH 3/16" GAP SPACERS* (18 pcs per box) + SD-XL-EXT Height Extenders (30 per box) *1/8" GAP SPACERS ARE AVAILABLE UPON REQUEST
TEMP. RANGE	-22 to 200 DEGREES FAHRENHEIT	
WEIGHT CAPACITY	2,150 LBS PER PEDESTAL	

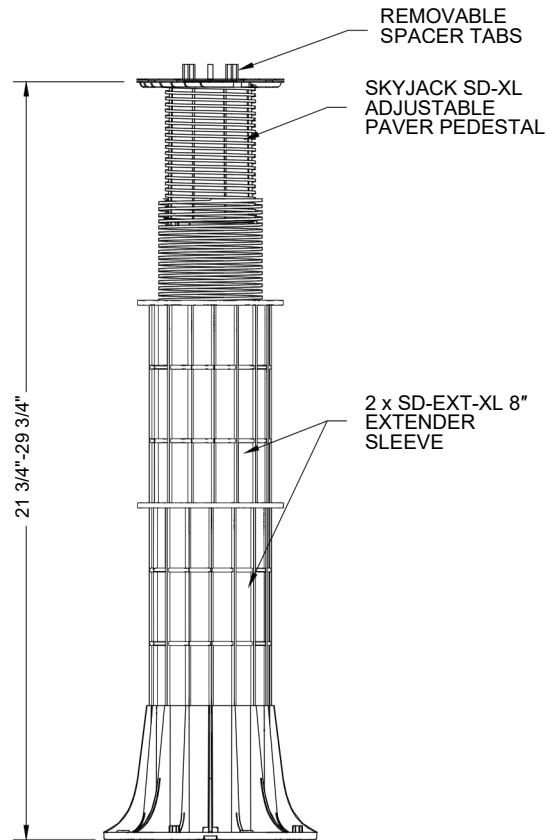
ADJUSTABLE PAVER PEDESTAL

SKYJACK: SD-XL + SD-XL-EXT - 13 3/4" - 21 3/4"

DWG. NO.	DATE: 6/20/25	
SHEET	BY:	

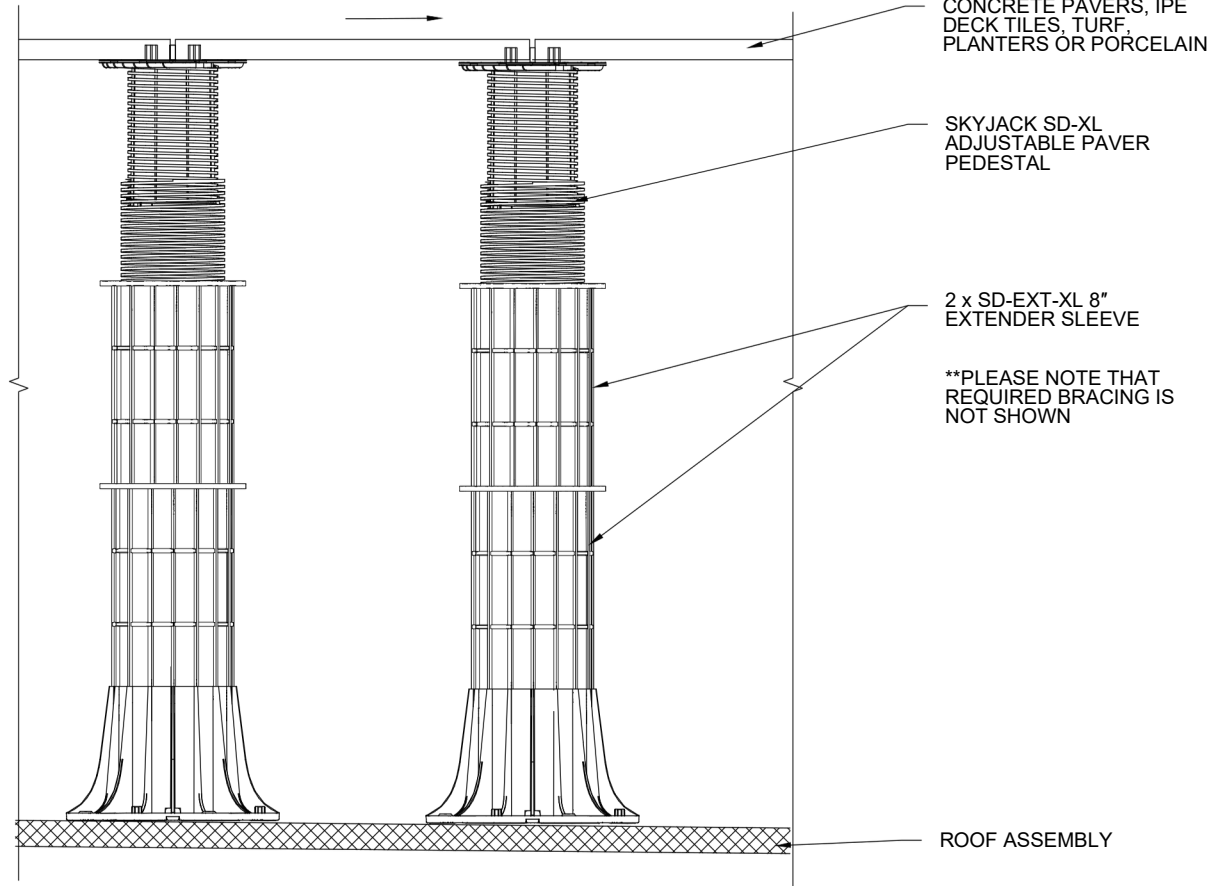


PLAN VIEW



FRONT ELEVATION
SD-XL + 2 SD-XL-EXT WITH TOP PLATE

FOR SLOPES GREATER THAN 1/4" PER FOOT,
USE SD-BSC BASE SLOPE CORRECTOR TO COMPENSATE FOR SLOPES
UP TO 5%.



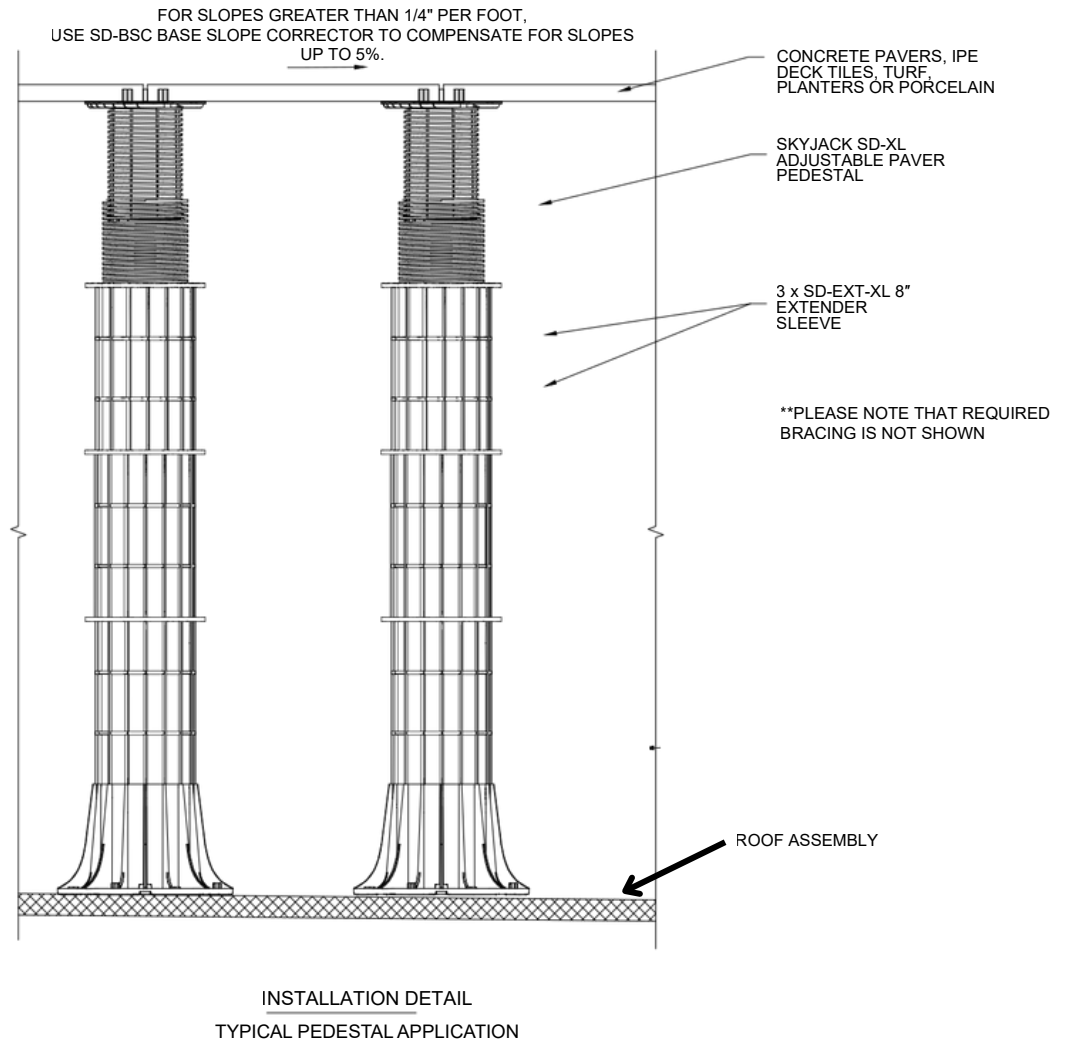
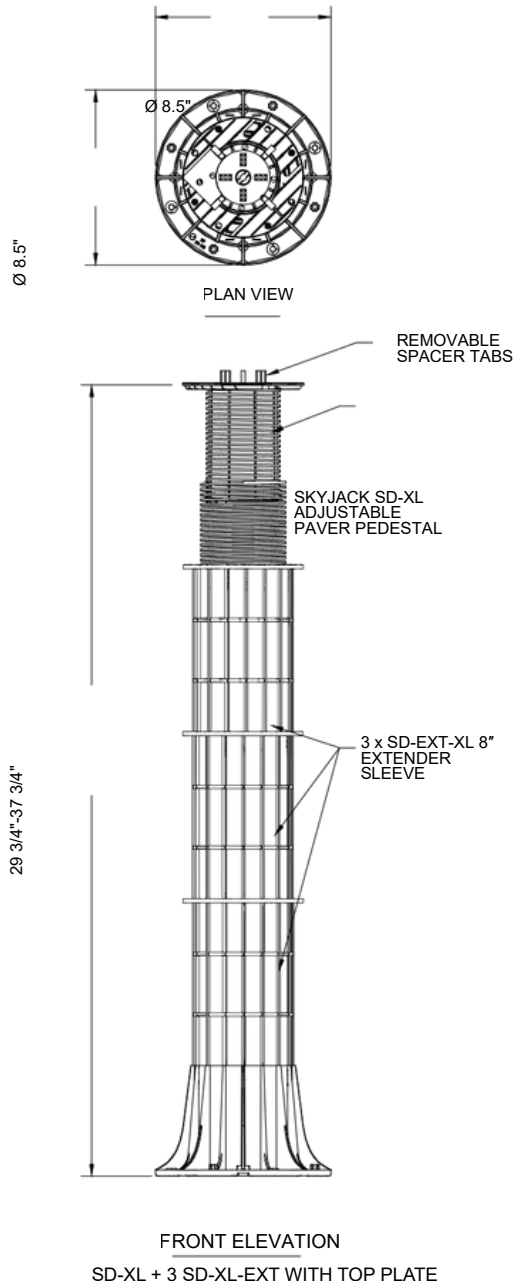
INSTALLATION DETAIL
TYPICAL PEDESTAL APPLICATION

SPECIFICATIONS		NOTES:
MATERIAL	FULLY RECYCLABLE HIGH DENSITY COPOLYMER POLY PROPYLENE (HDCCP)	- BOX CONTENTS: ONE FULLY ASSEMBLED SD-XL ADJUSTABLE PAVER PEDESTAL WITH 3/16" GAP SPACERS* (18 per box) + SD-XL-EXT (30 per box) * 1/8" GAP SPACERS ARE AVAILABLE UPON REQUEST
TEMP. RANGE	-22 to 200 DEGREES FAHRENHEIT	**PLEASE NOTE - PEDESTALS WITH 2 EXTENDERS OR MORE REQUIRE BRACING NOT SHOWN IN THIS DETAIL. PLEASE REFER TO OUR SKYHEIGHTS BRACING SYSTEM DETAIL FOR MORE INFORMATION.
WEIGHT CAPACITY	2,150 LBS PER PEDESTAL	

ADJUSTABLE PAVER PEDESTAL

SKYJACK: SD-XL + 2 SD-XL-EXT - 21 3/4"-29 3/4"

DWG. NO.	DATE: 6/20/25	
SHEET	BY:	



SPECIFICATIONS		NOTES:
MATERIAL	FULLY RECYCLABLE HIGH DENSITY COPOLYMER POLY PROPYLENE (HD CPP)	- BOX CONTENTS: ONE FULLY ASSEMBLED SD-XL ADJUSTABLE PAVER PEDESTAL WITH 3/16" GAP SPACERS* (18 per box) + SD-XL-EXT 8" Height Extenders (30 per box) 1/8" GAP SPACERS ARE AVAILABLE UPON REQUEST **PLEASE NOTE - PEDESTALS WITH 2 EXTENDERS OR MORE REQUIRE BRACING NOT SHOWN IN THIS DETAIL. PLEASE REFER TO OUR SKYHEIGHTS BRACING SYSTEM DETAIL FOR MORE INFORMATION.
TEMP. RANGE	-22 to 200 DEGREES FAHRENHEIT	
WEIGHT CAPACITY	2,150 LBS PER PEDESTAL	

ADJUSTABLE PAVER PEDESTAL

SKYJACK: SD-XL + 3 SD-XL-EXT - 29 3/4"-37 3/4"

DWG. NO.	DATE: 6/20/25	
SHEET	BY:	



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REGULATION SHIM

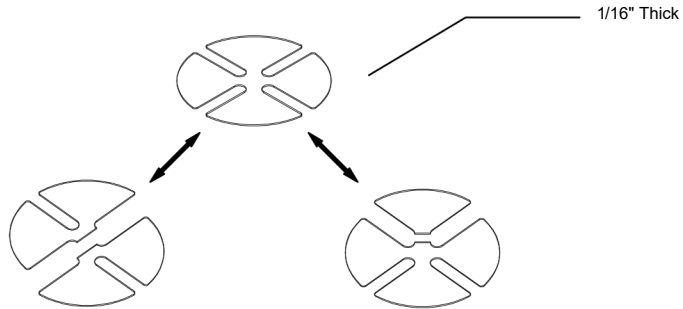
SD-XL-SH2

SKYJACK PEDESTALS

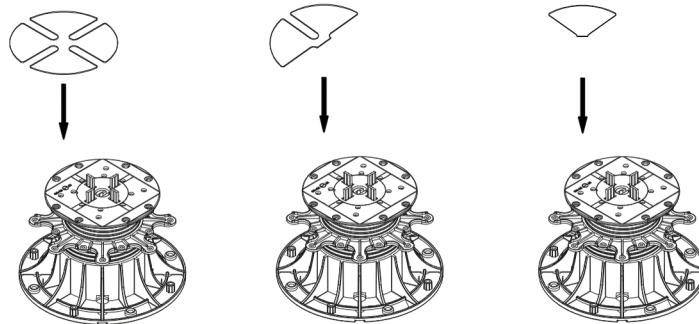
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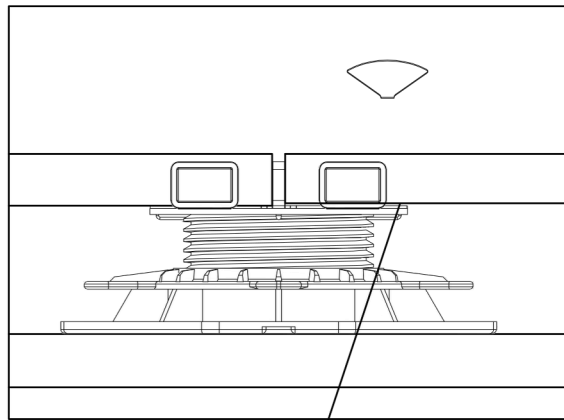
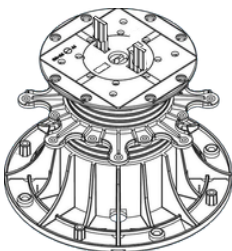
REGULATION SHIMS can be used to eliminate uneven pavers and to compensate small differences in height of terrace pavers.



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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WALL CLIP

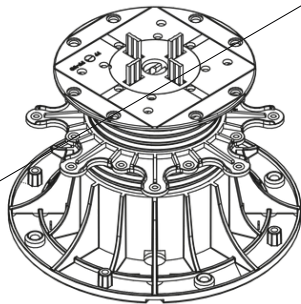
SD-WallClip

SKYJACK PEDESTALS

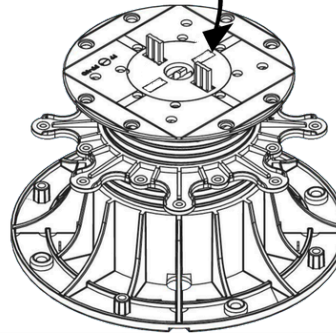
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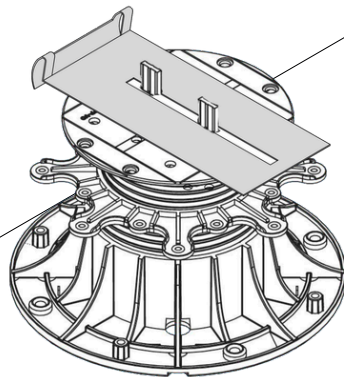
Place pedestal against the perimeter wall



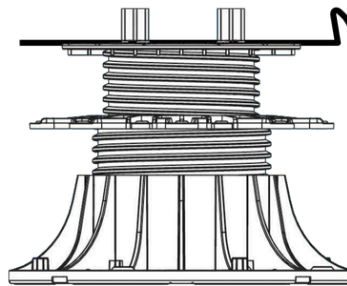
Snap off 2 parallel tabs



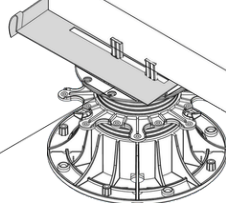
Place the wall clip
on top of the
pedestal



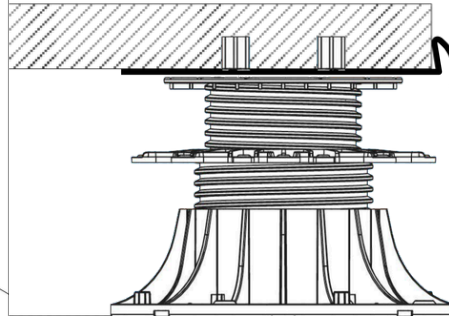
Side view of wall clip on pedestal



Wall clip maintains even
spacing along wall



Side view of paver on wall clip





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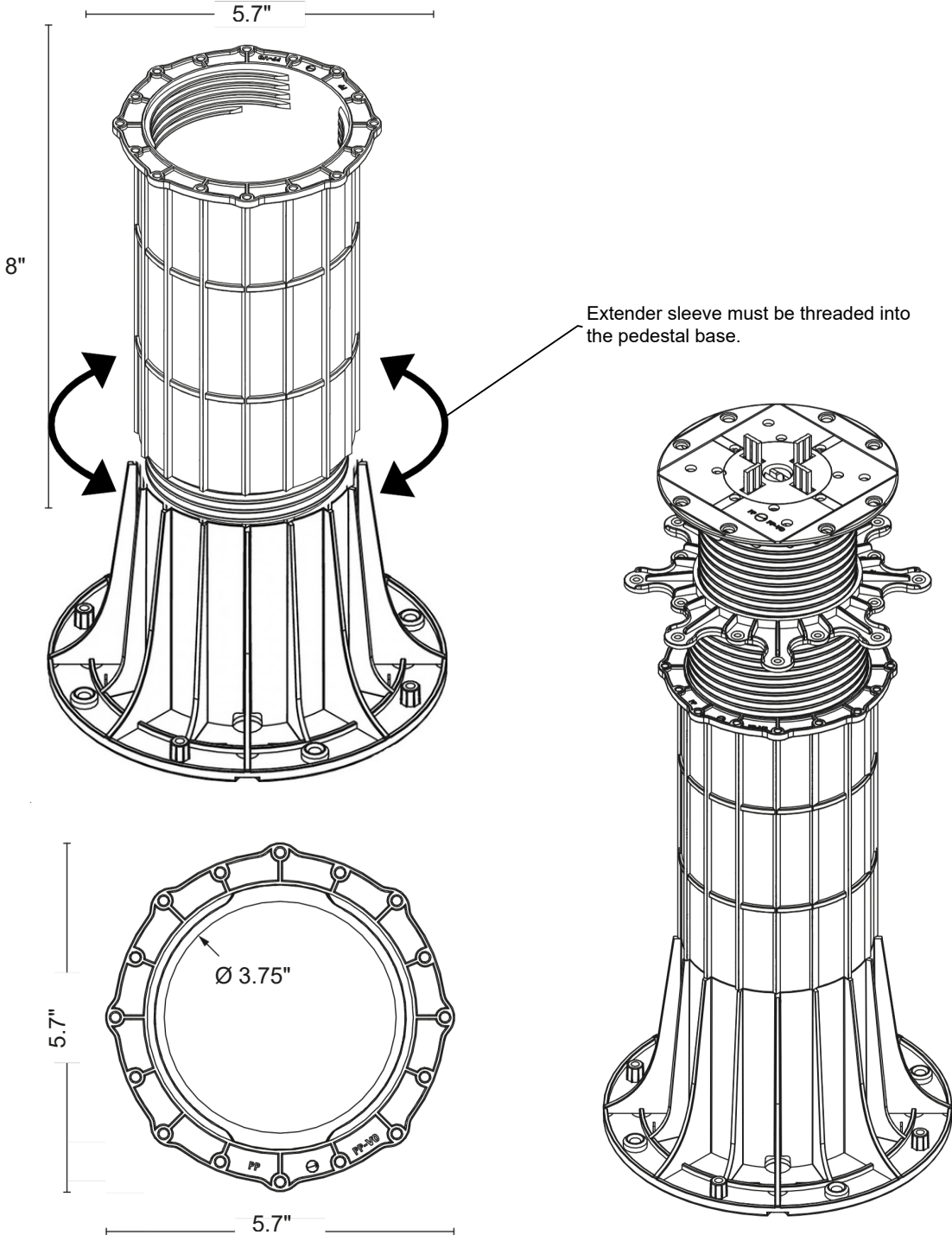
**EXTENDER
SLEEVE**
SD-XL-EXT

SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

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info@skydeckusa.com

The SD-XL-EXT Extender Sleeve is used to increase the height range of SD-XL SkyJack pedestals. The extender sleeve threads into the pedestal base, and the screw head is installed at the top of the assembly. For pedestal heights over 21.75", the SkyHeights Pedestal Bracing System is required to stabilize the pedestal assembly in accordance with Skydeck USA installation requirements.



SKYJACK EXTENDER SLEEVE - SD-XL-EXT



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BASE SLOPE CORRECTOR

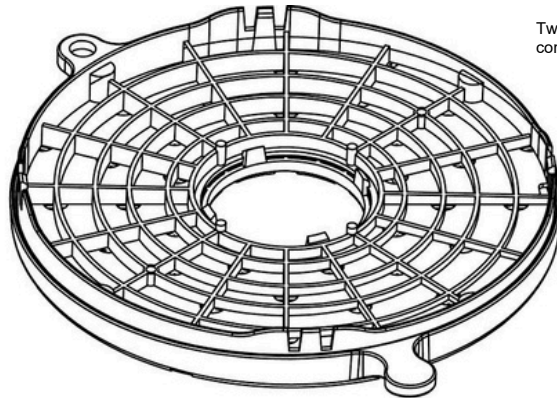
SD-BSC

SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

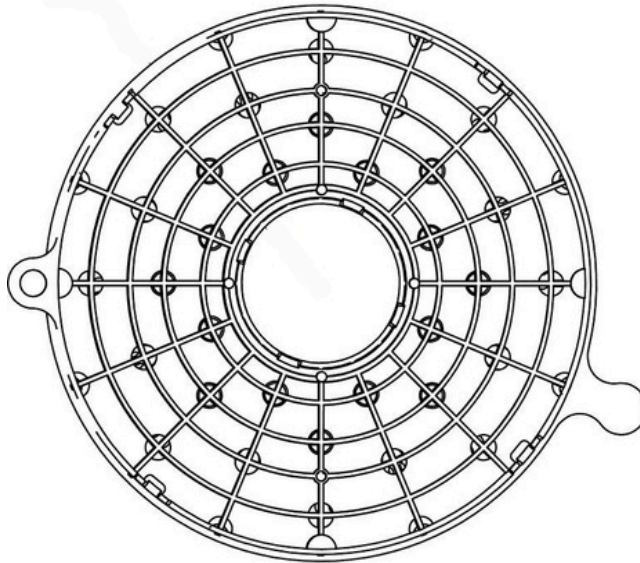
www.skydeckusa.com
info@skydeckusa.com

The SKYJACK BASE SLOPE CORRECTOR is placed underneath SD-M, SD-L and SD-XL pedestals to compensate for slopes up to 5%.



Twist to adjust the slope
correction from 0-5%

8-5/8"



9/16" to
1-3/16"



SKYJACK BASE SLOPE CORRECTOR - SD-BSC



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Self-Leveling Head

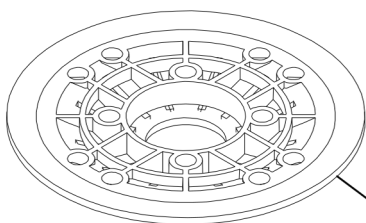
SD-XL-SLH

SKYJACK PEDESTALS

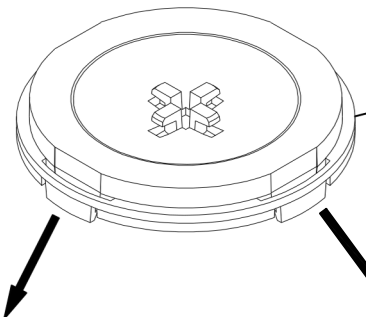
AdjustablePedestalSystembySKYDECK USA

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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.

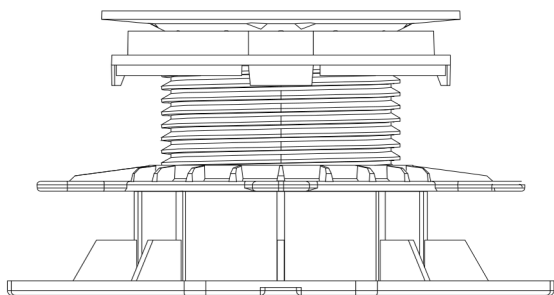


SELF LEVELING HEAD, top

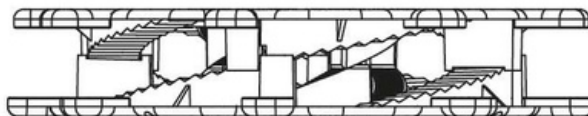


SELF LEVELING HEAD, bottom

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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Rubber Protective Pad

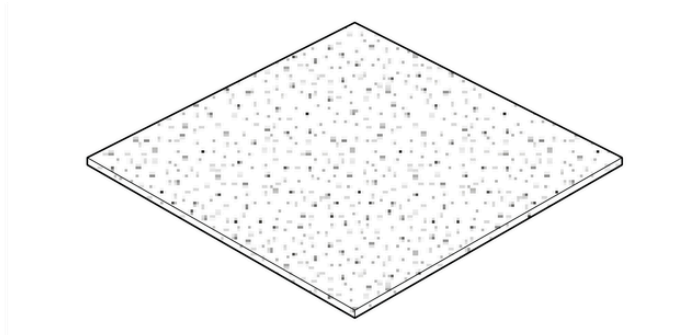
SD-PP

SKYJACK PEDESTALS

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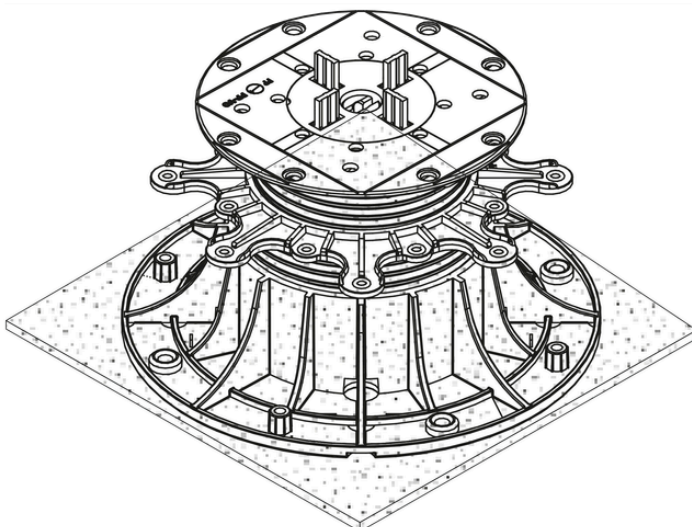
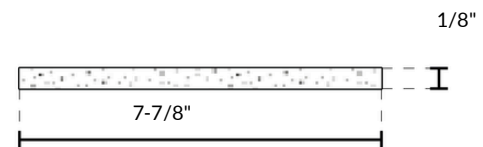
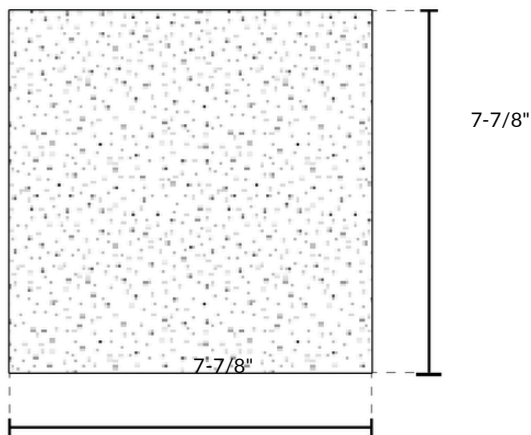
Rubber Protective Pads can be used underneath the pedestals to protect the roof membrane. We always recommend the use of rubber protection pads to avoid the roofing material adhering to the pedestal base with high roof temperatures. Rubber Protective Pads also help dampen sound when using the terrace.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

SKYJACK RUBBER PROTECTIVE PAD



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MANAGING MINOR DIFFERENCES IN TILE THICKNESS

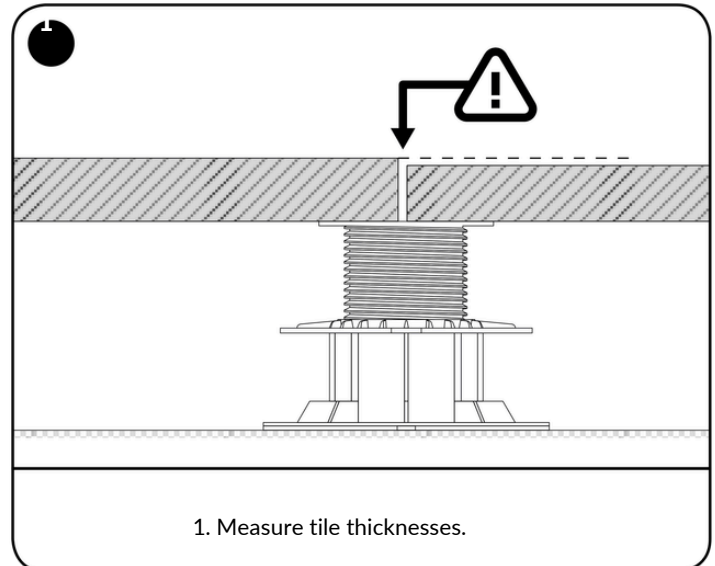
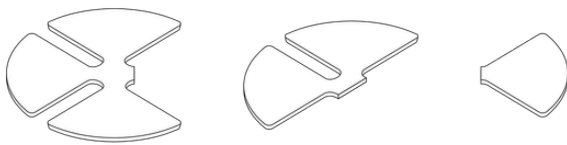
SKYJACK PEDESTALS

Adjustable Pedestal System by SKYDECK USA

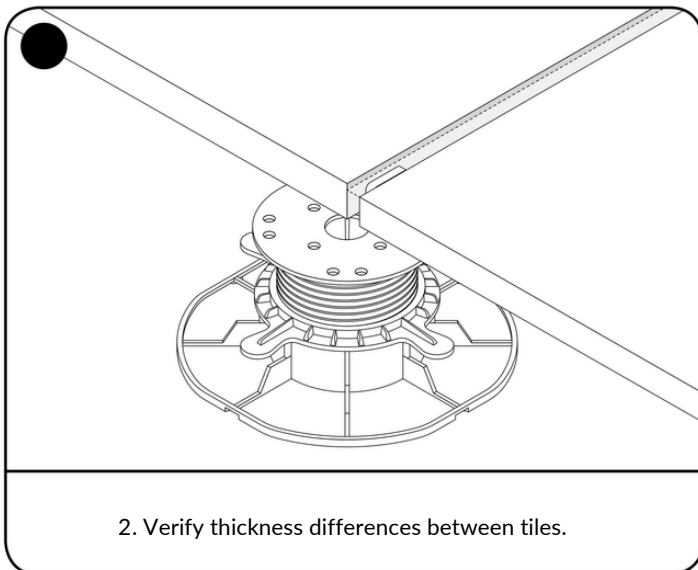
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Rubber shims

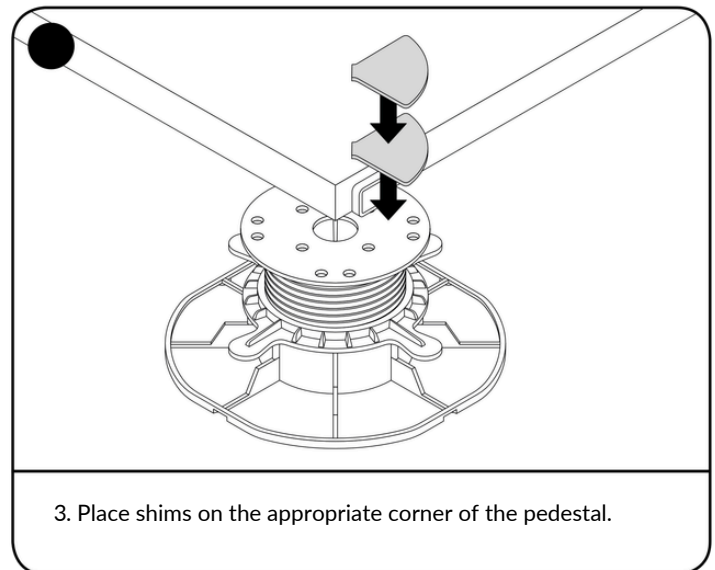
In situations where there are minor differences in tile thickness, rubber shims can be used to level the pavers. First, place shims on top of the lower paver. Using a level, stack shims until the shims are level with adjacent paver. Then lift the corner of the lower paver and place the shims on the appropriate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



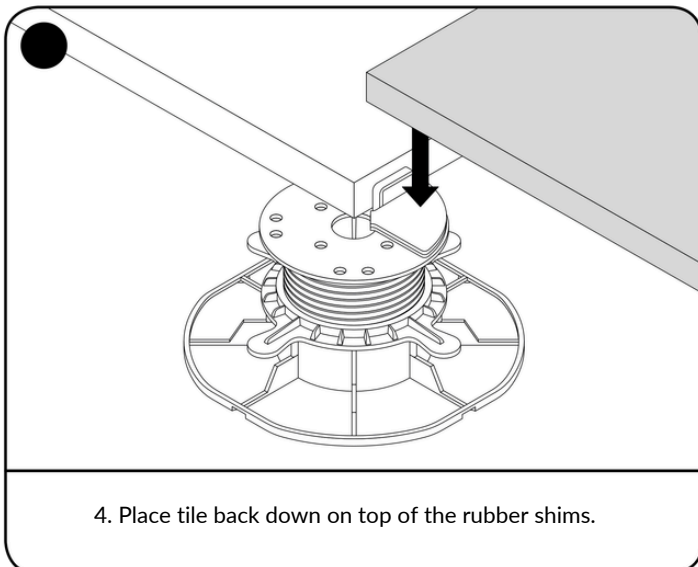
1. Measure tile thicknesses.



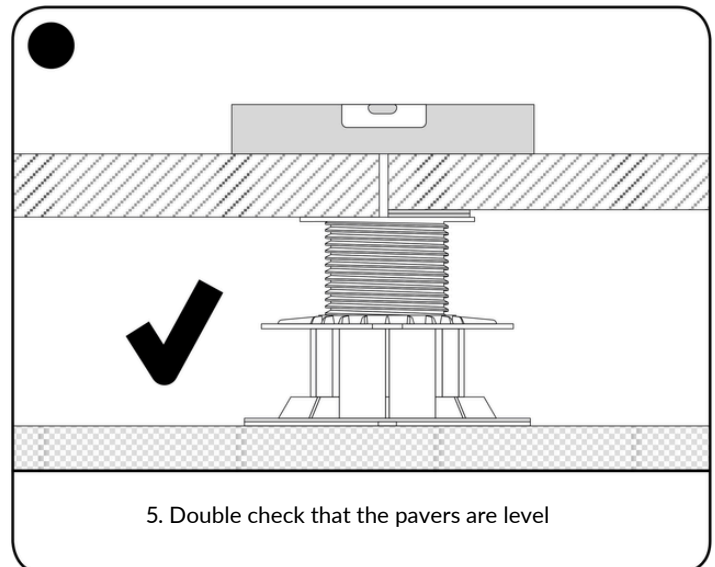
2. Verify thickness differences between tiles.



3. Place shims on the appropriate corner of the pedestal.



4. Place tile back down on top of the rubber shims.



5. Double check that the pavers are level

MANAGING MINOR DIFFERENCES IN TILE THICKNESS

PEDESTAL WEIGHT PERFORMANCE



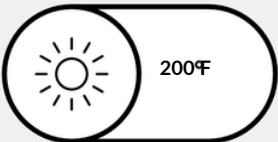
Acceptable weight load

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

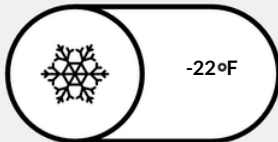


Temperature resistance

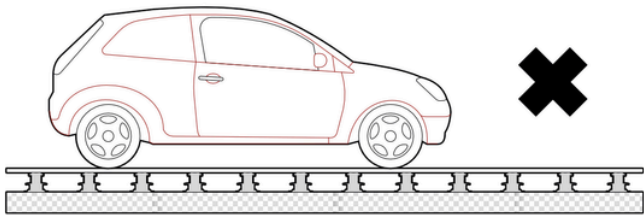
SkyJack pedestals can withstand extreme temperatures



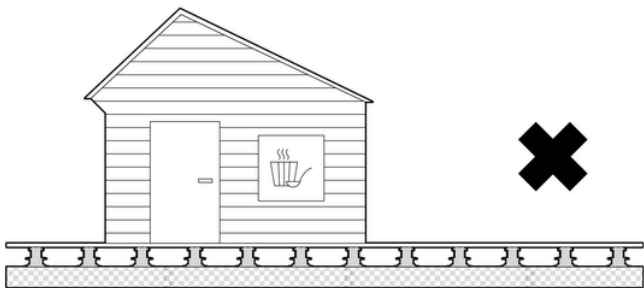
200°F



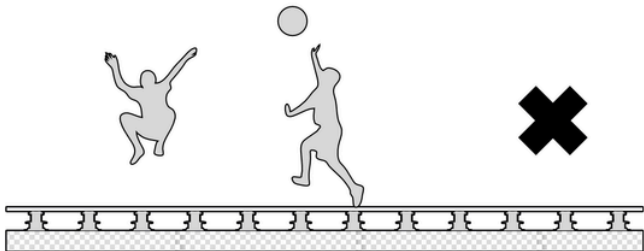
-22°F



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



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

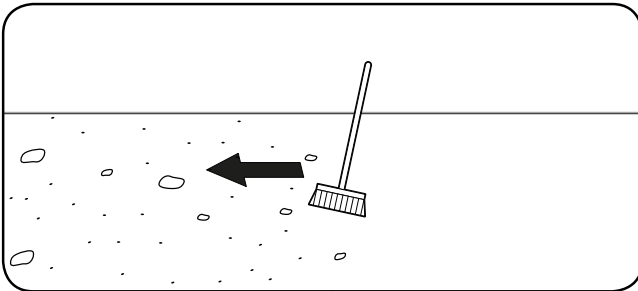
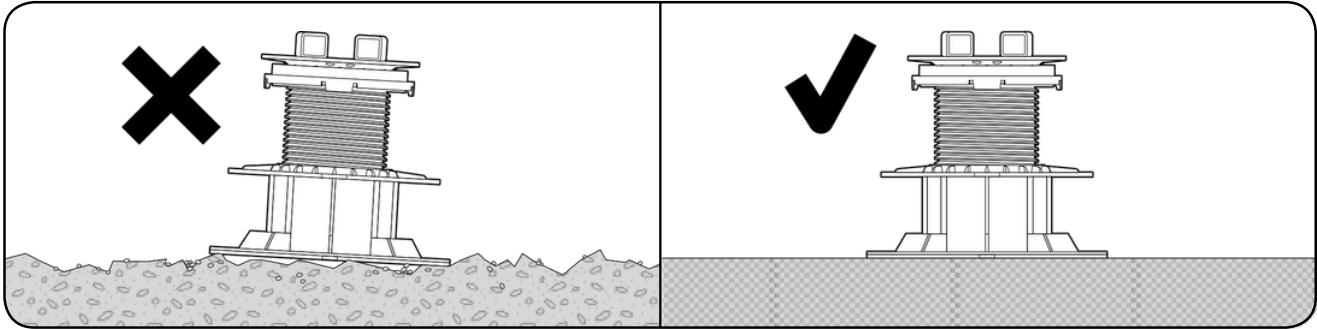


◀ | It is forbidden to run or jump on the terrace.

PEDESTAL FOUNDATION NOTES

▼ Flat surface

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

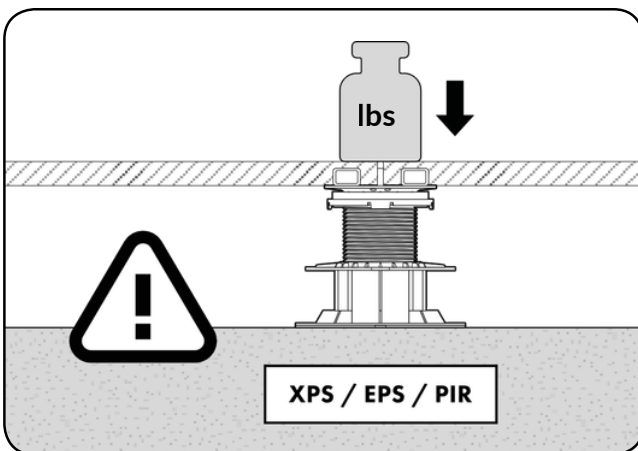


Clean surface

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

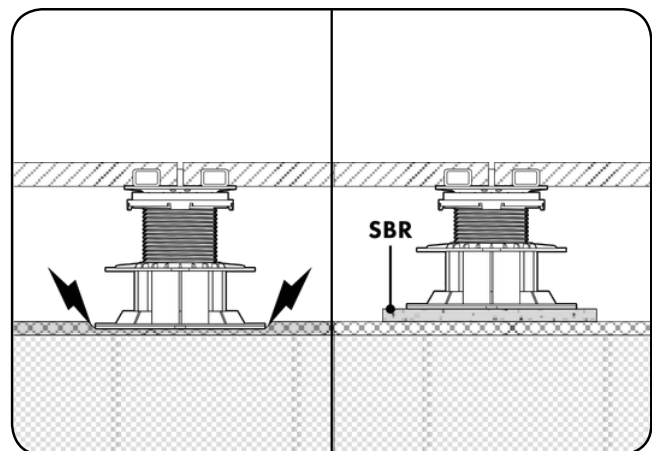
▼ Foundation weight loading

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



▼ Sensitive surface protection

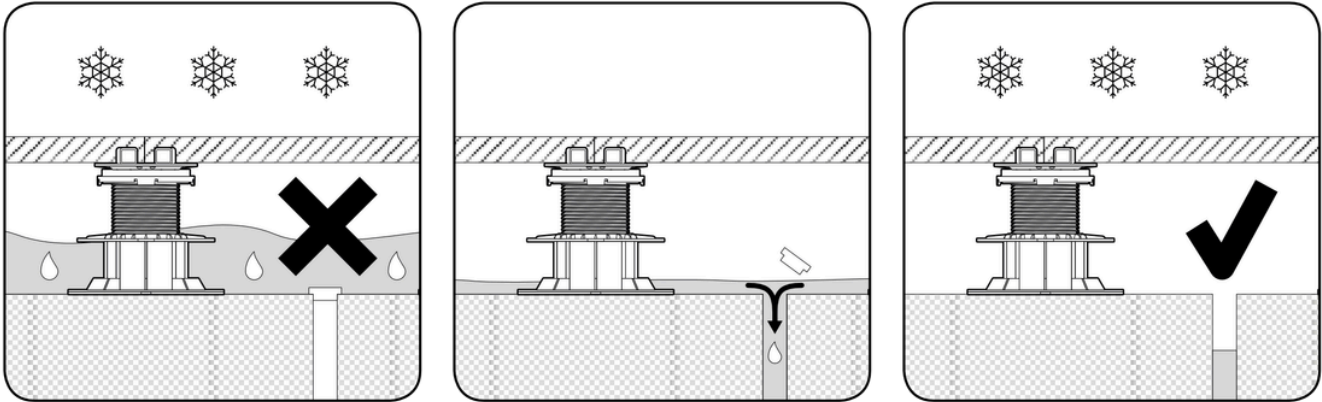
In order to prevent pedestals adhering to the roofing membrane or causing damage, rubber protective pads are recommended underneath the pedestals.



IMPORTANT INFORMATION REGARDING WATER

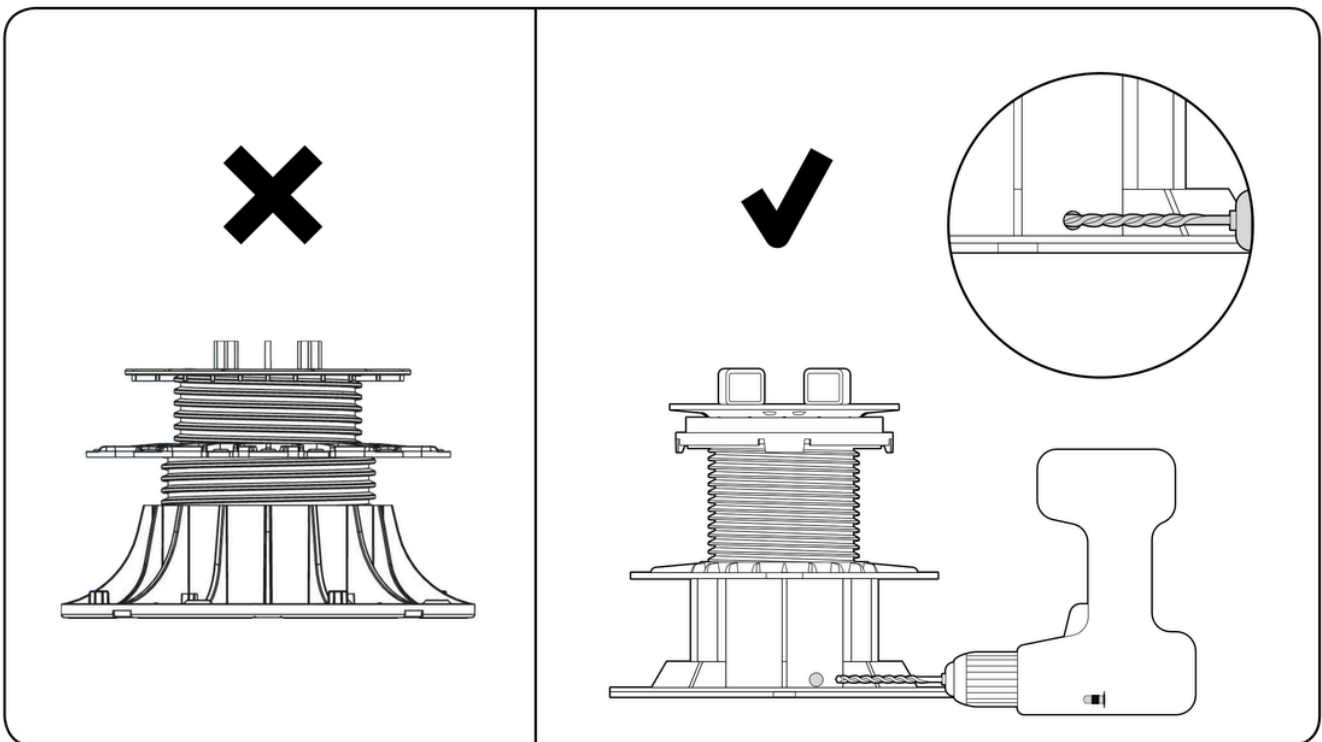
▼ Pedestals must be able to drain all water

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 additional weep holes at the bottom of the pedestals to allow the water to freely flow out.

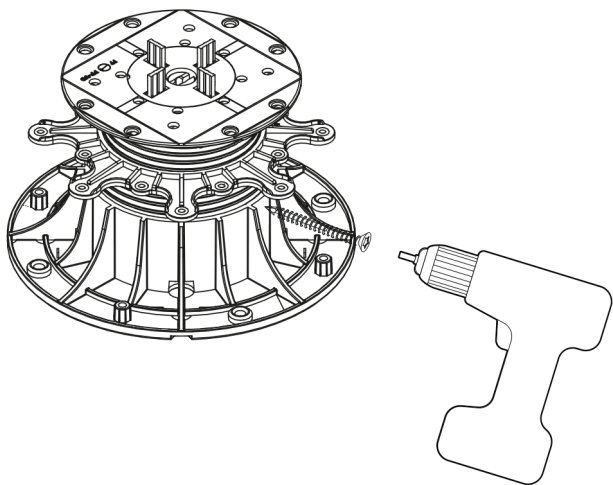


PEDESTAL LOCKING

For pedestal decks in areas that experience significant vibration, including but not limited to airports, concerts, live music venues, or dancing venues, a pedestal locking screw is required.

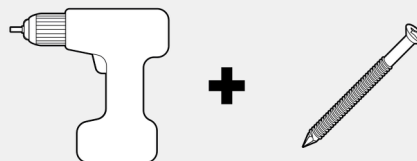
▼ Lock pedestals in place

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



Tools:

First drill the hole and then install the screw with a drill.

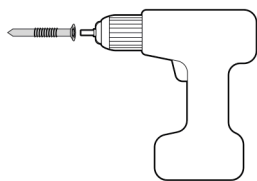


Drill

Screws

▼ Pedestal height lock

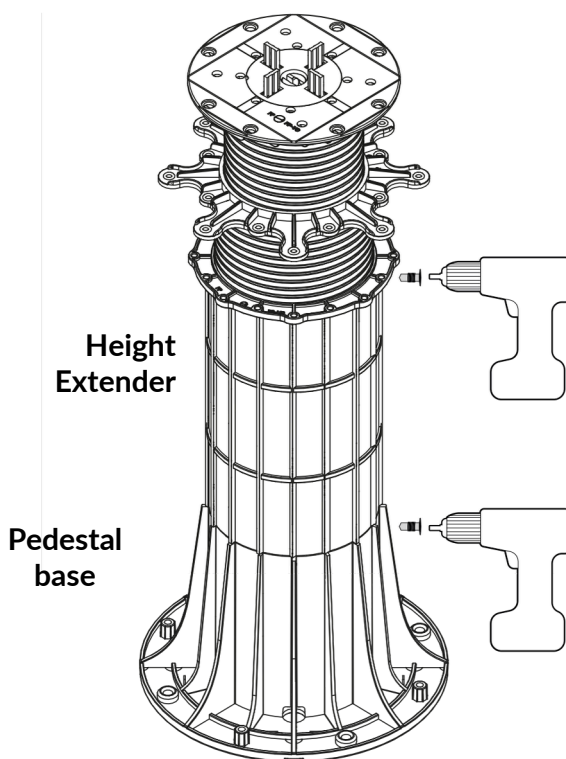
Drill through the pedestal base and screw ring, then drive the screw into place to lock the pedestal height.



Ensure that pavers are all flush and level before adding the screw. The pedestals can't adjust once the screw is installed.

▼ Pedestal lock with height extender

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

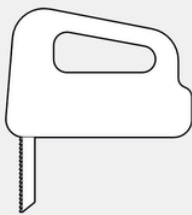


CUTTING PEDESTAL BASE

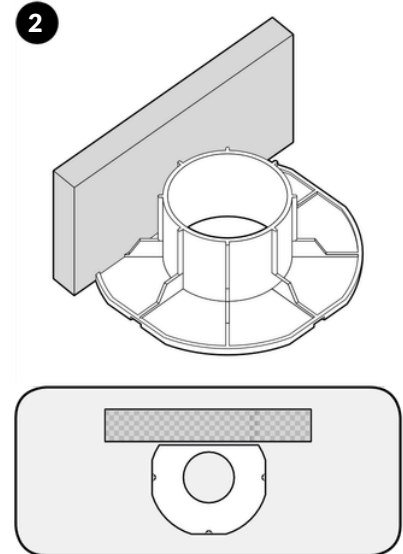
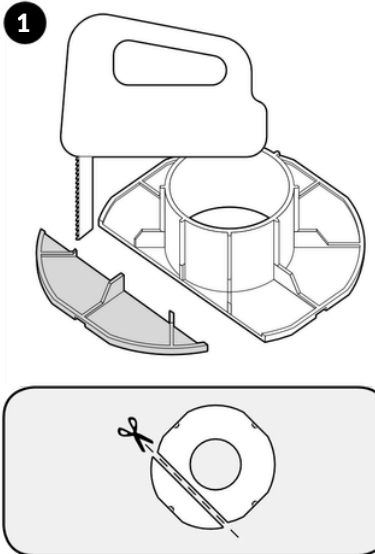
▼ Pedestals may be cut along the wall

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:

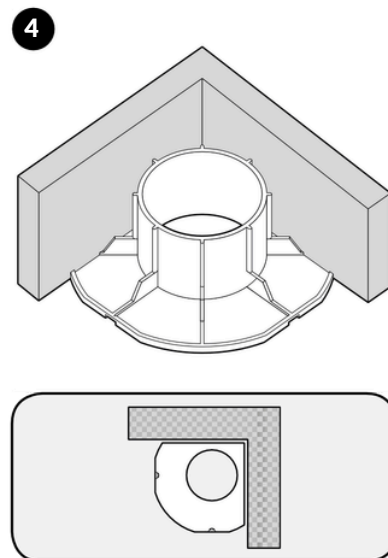
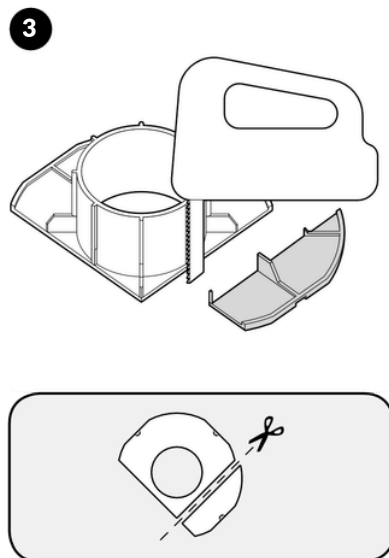


Jigsaw/Saw



▼ Cutting pedestal base in corners

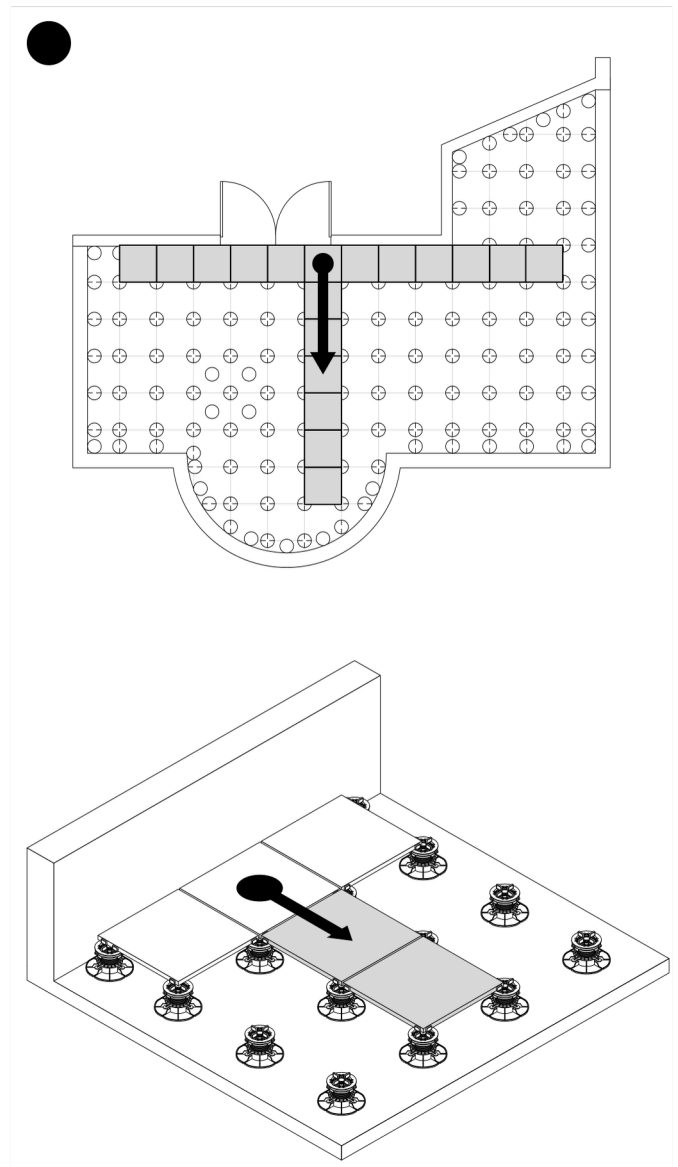
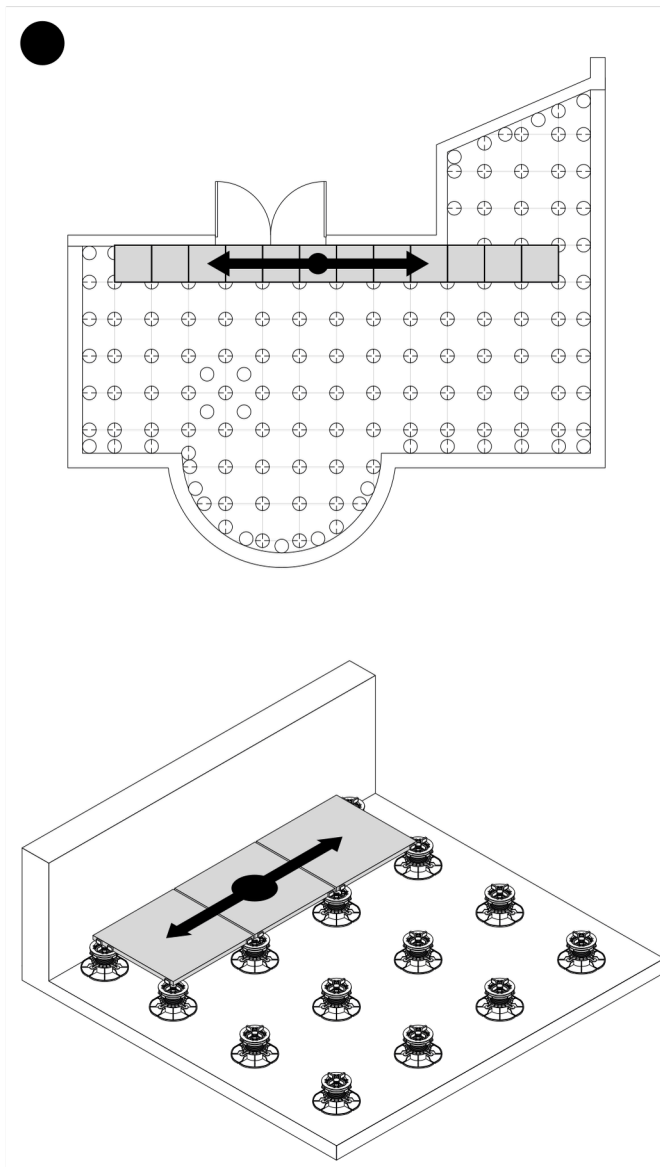
The pedestal base may be cut to fit more closely into corners. Please note that rubber protective pads must be used underneath to protect the roof from the sharp cut edges of the pedestal.



INSTALLATION - PLACEMENT OF FIRST PEDESTALS

▼ Set start point

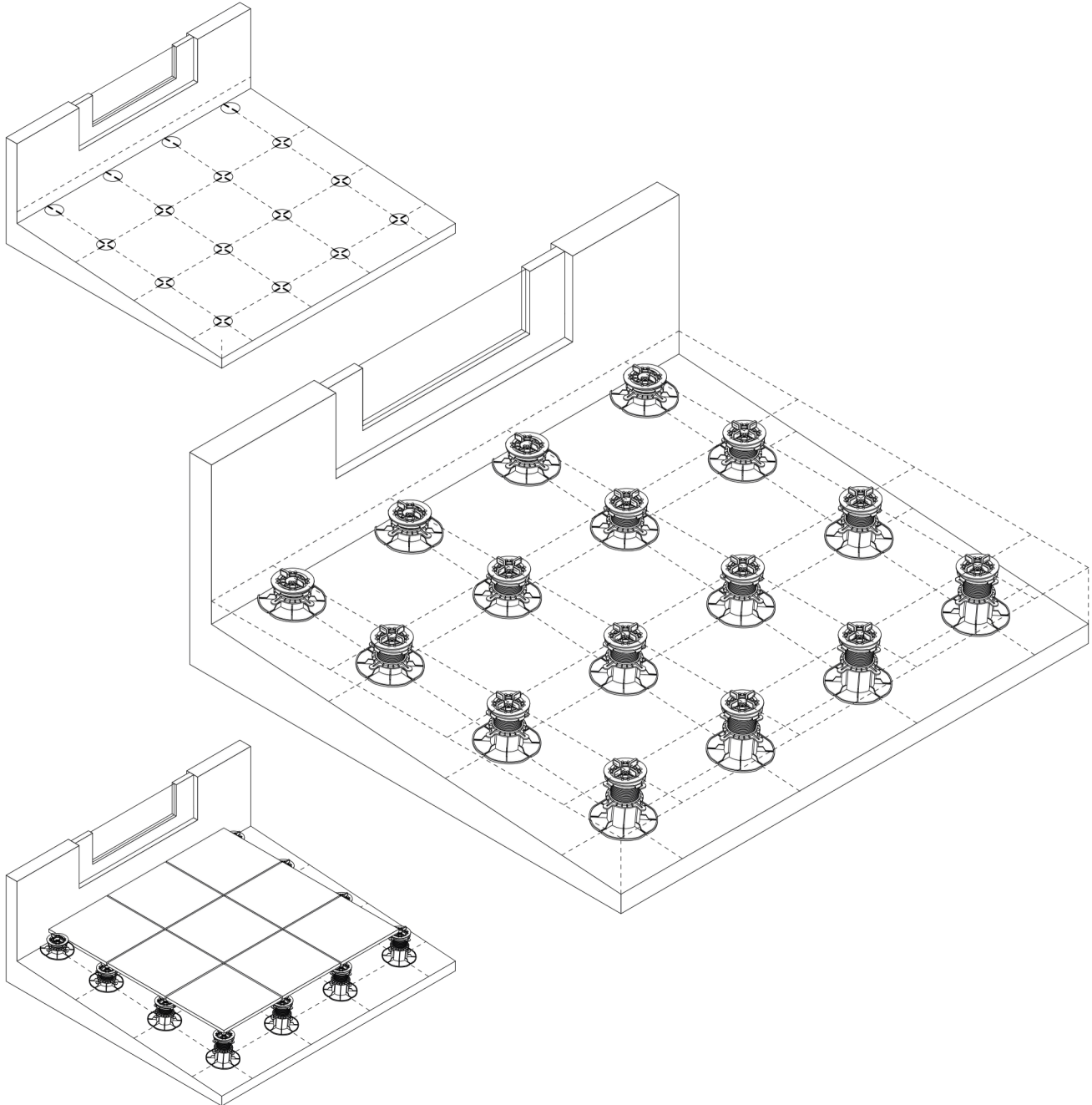
The first line of the tiles should lay along the longest wall, if possible. Begin with the first row that does not require cutting. Next, lay a perpendicular row in the longest possible line. Work from there to fill in all of the full tiles. Finish the patio by filling in all of the cut pavers.



INSTALLATION - PLACING PEDESTALS AT ENTRANCES

▼ Evaluating height of the terrace level

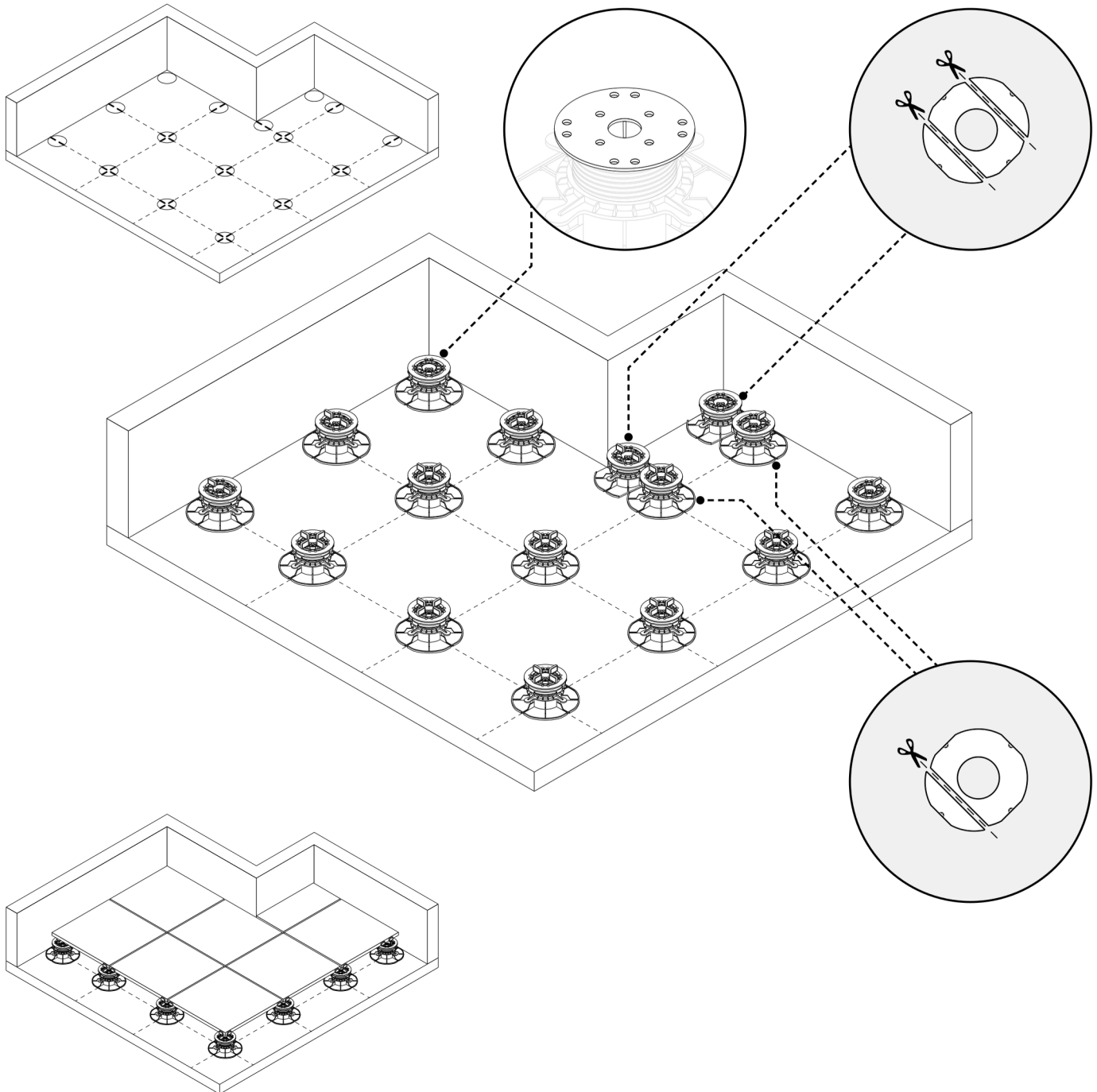
The doorways set the height for the entire terrace. Use local building codes to determine where your pavers need to line up at the entrance. The minimum entrance height needs to be $\frac{1}{16}$ " plus the thickness of your paver in order to accommodate the skydeck paver pedestal system. But, we recommend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



INSTALLATION - CORNERS

▼ Pedestal placement in corners

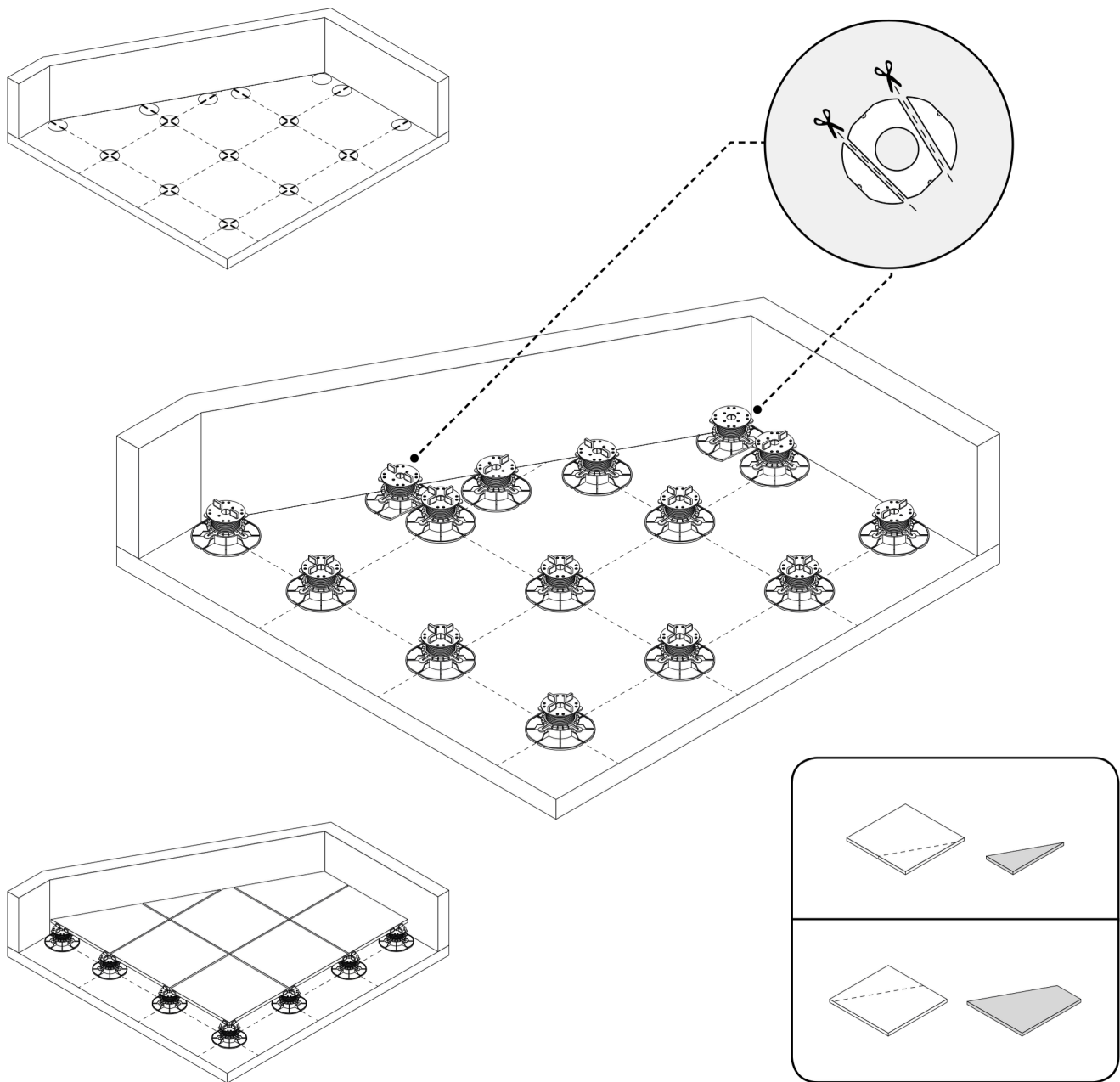
Corner pedestals that are holding full tiles can be pushed up to the corner as tight as possible. Wall clips may be used to help support the perimeter tiles and create uniform gaps along the wall. The pedestal base may also be cut along the perforated lines on the bottom of the pedestal to allow the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



INSTALLATION - DIAGONAL WALLS

▼ Pedestals running along diagonal walls

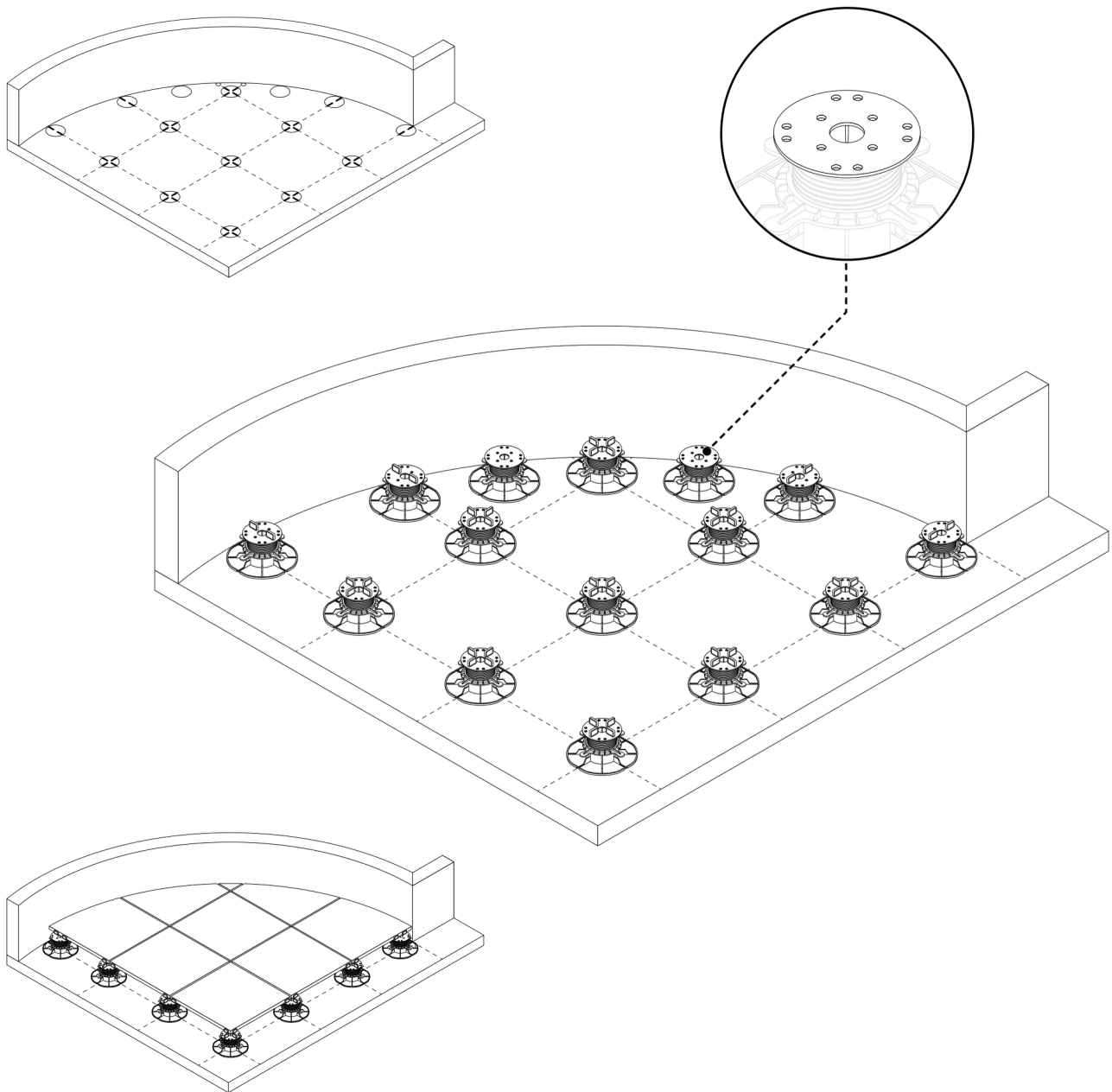
Pedestals must support each corner of the cut pavers along diagonal walls. The pedestal base may be cut along the perforated lines on the bottom of the pedestal in order to place them closer to the wall. Take measurements of odd shaped areas prior to starting the project to avoid very small slivers of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



INSTALLATION - LAYING PEDESTALS AGAINST AN ARC WALL

▼ Cutting pedestals and tiles

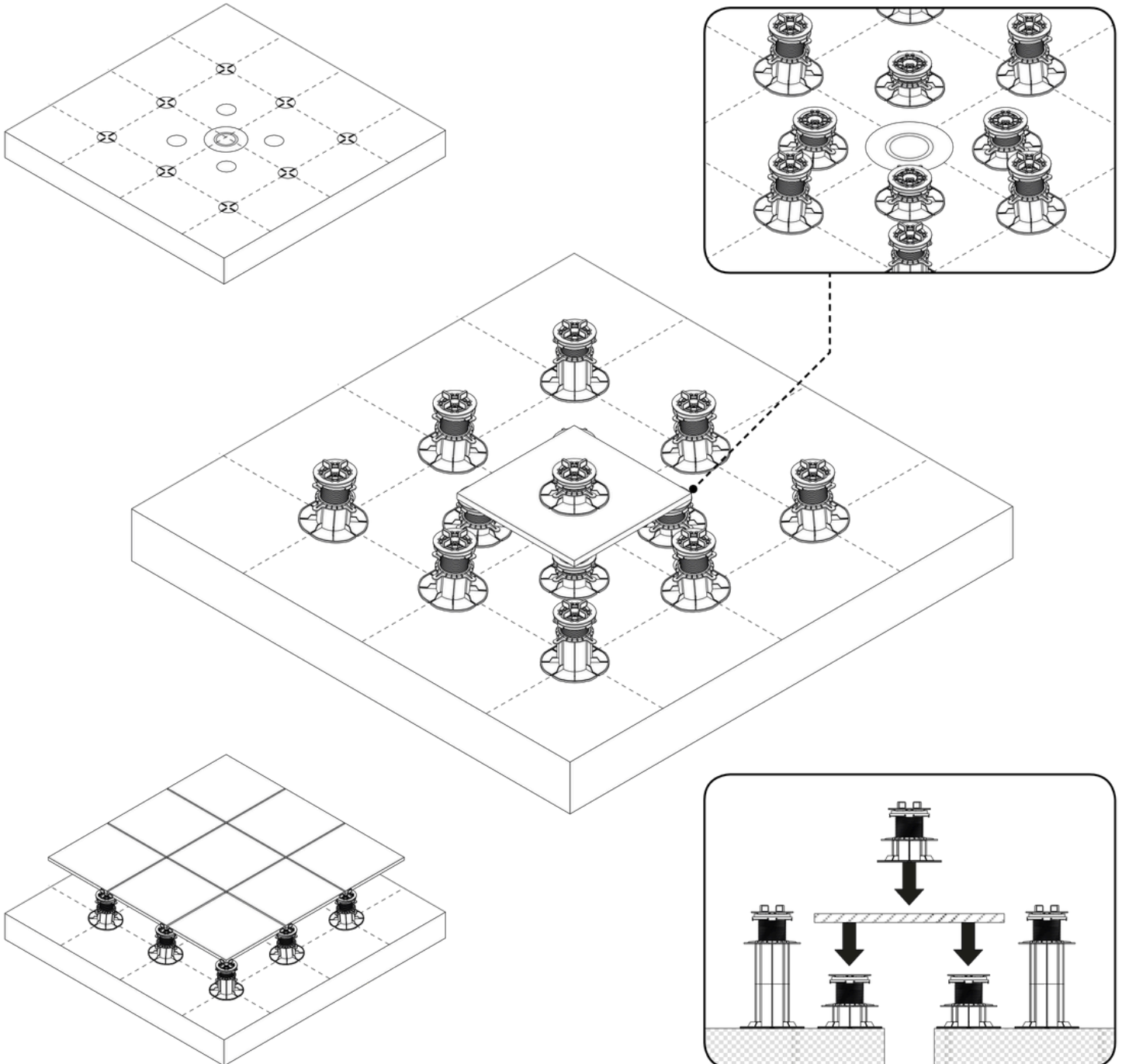
Custom pedestal layouts will be required along arc shaped walls. Place as many pedestals as required to ensure that pavers don't rock. Take measurements of odd shaped areas prior to starting the project to avoid very small slivers of pavers. Use wall clips to help support cut pavers along walls.



INSTALLATION - PEDESTALS OVER DRAINS

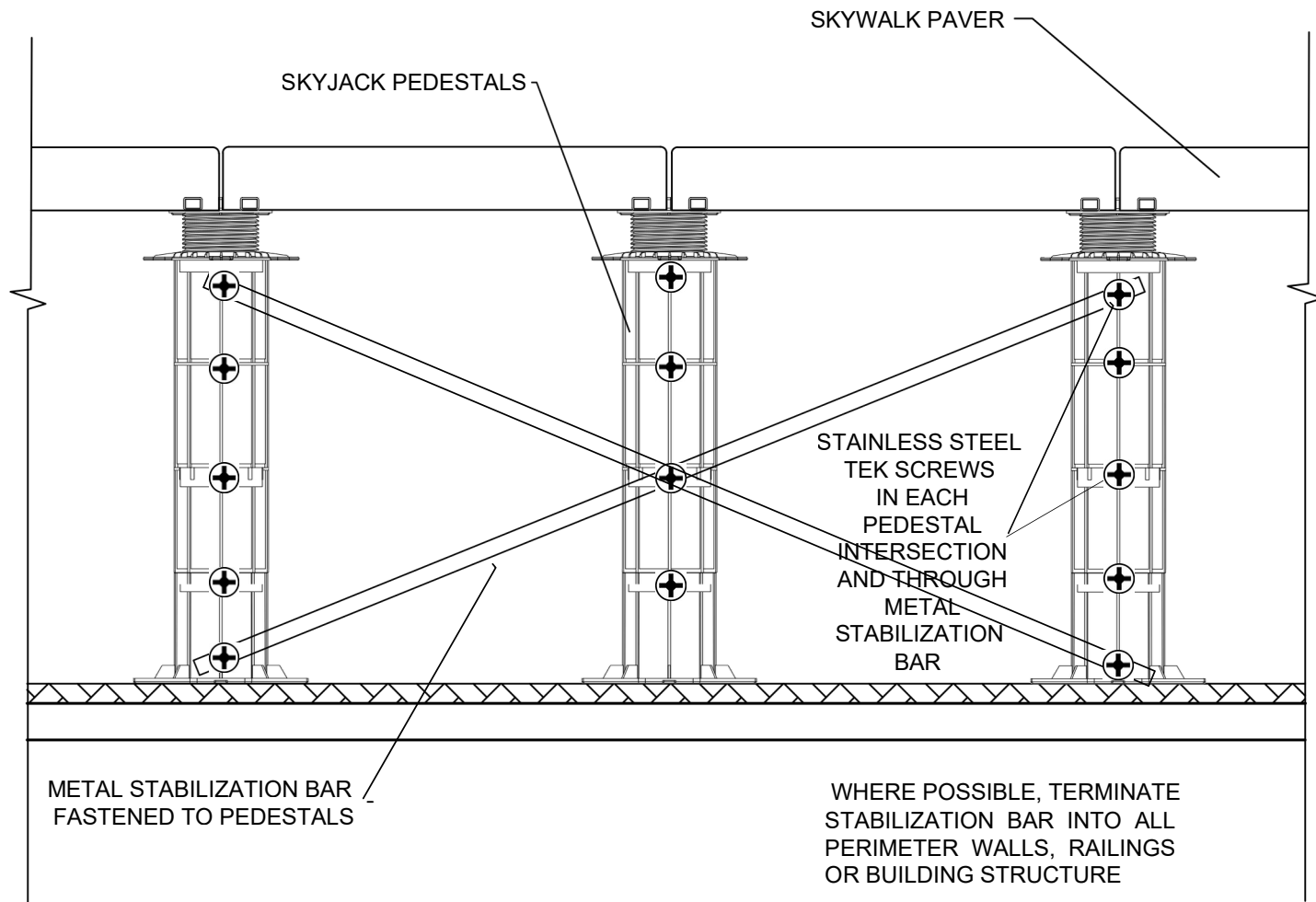
Assembly for drain location

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.



SkyHeights Pedestal Bracing System

skydeck — **usa**

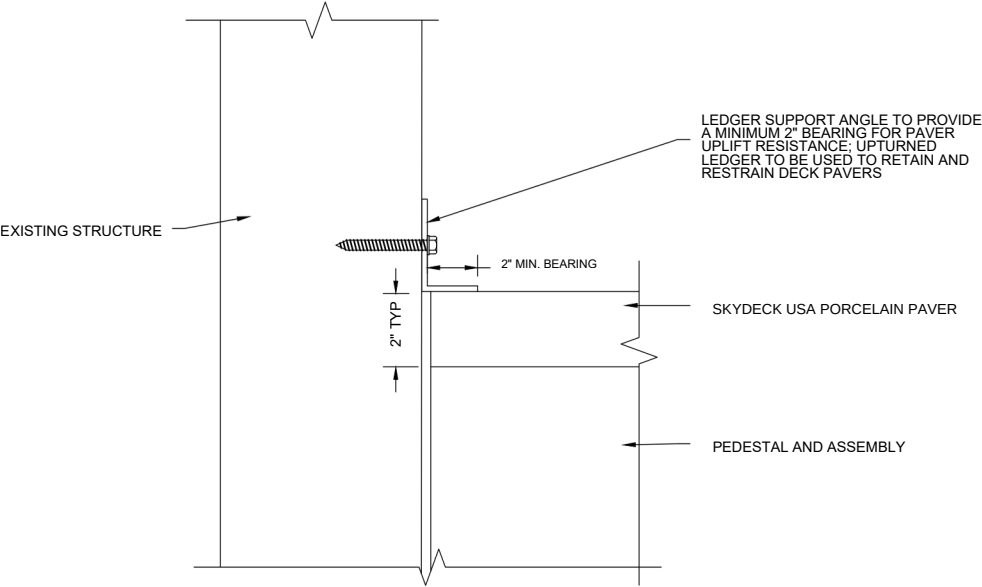
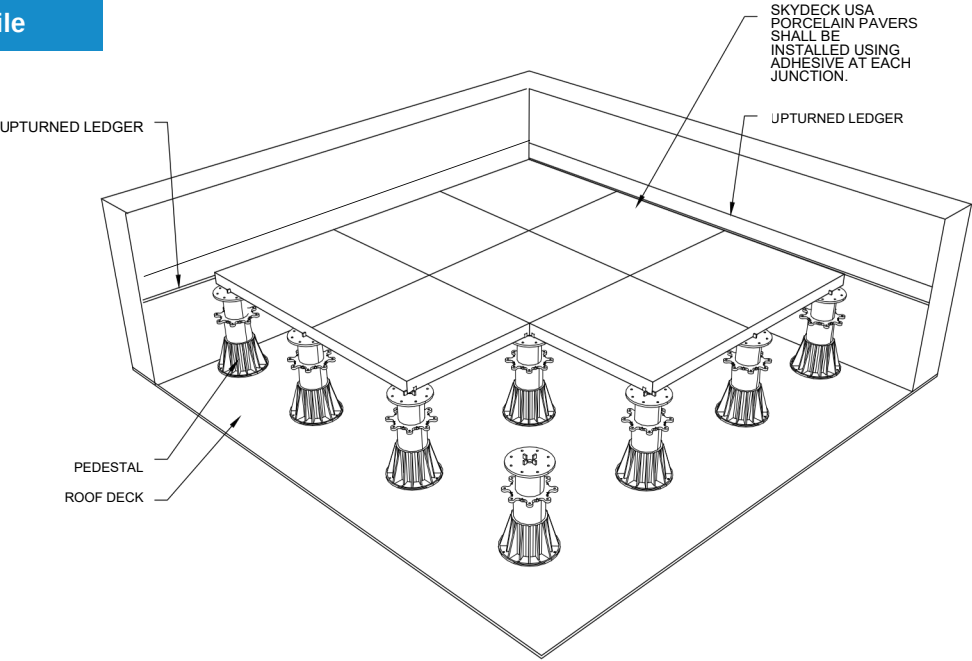


COMMENTS:

- 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 required 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, send questions to INFO@skydeckusa.com

Porcelain Paver Upturned Ledger
for Wind Uplift Support

Download CAD File



INSTALLATION DETAIL
UPTURNED LEDGER SUPPORT

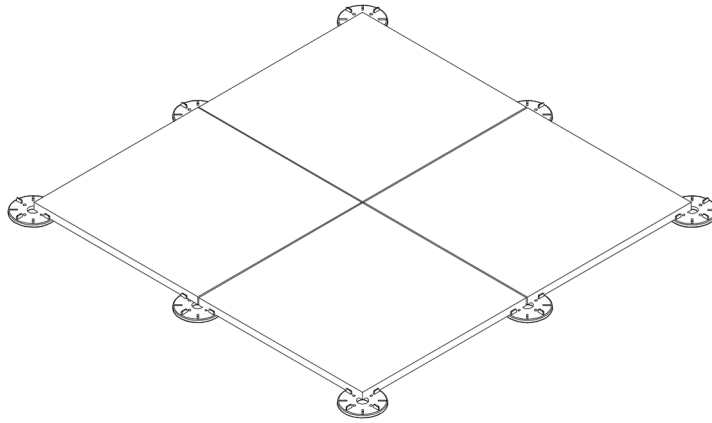
SPECIFICATIONS	NOTES:
Adding a ledger secures perimeter pavers to help prevent wind uplift	Note: Ledger anchorage and all associated connections shall be designed and approved by a qualified design professional in accordance with applicable codes and site-specific loading requirements. The upturned ledger support detail is project-specific and has not been included in the ASTM E330 WindStrong system test. Skydeck USA assumes no responsibility for the structural performance, adequacy, or code compliance of the ledger anchorage design or installation.

LEDGER SUPPORT DETAILS		
UPTURNED LEDGER SUPPORT FOR SKYWALK PORCELAIN PAVERS		
DWG. NO.	DATE: 6/20/25	
SHEET	BY:	



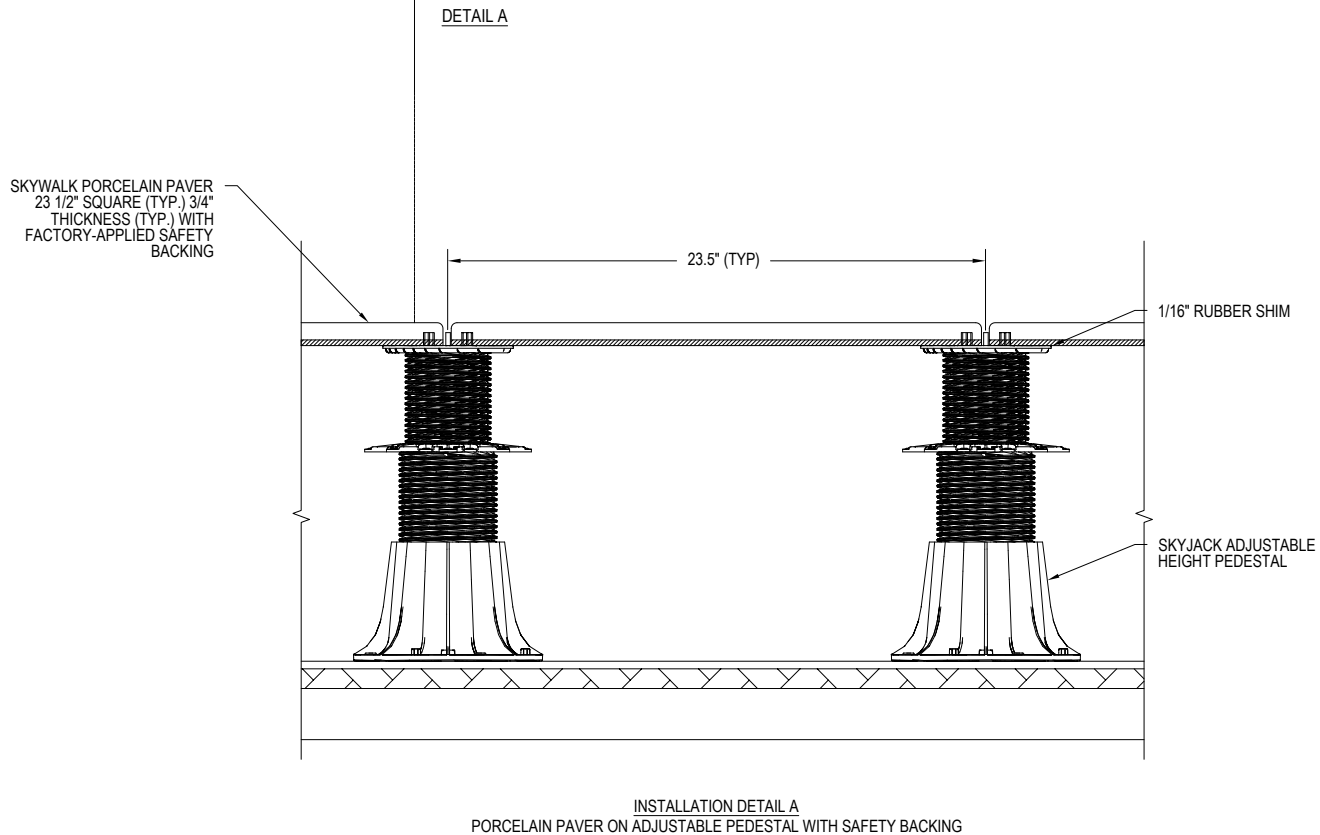
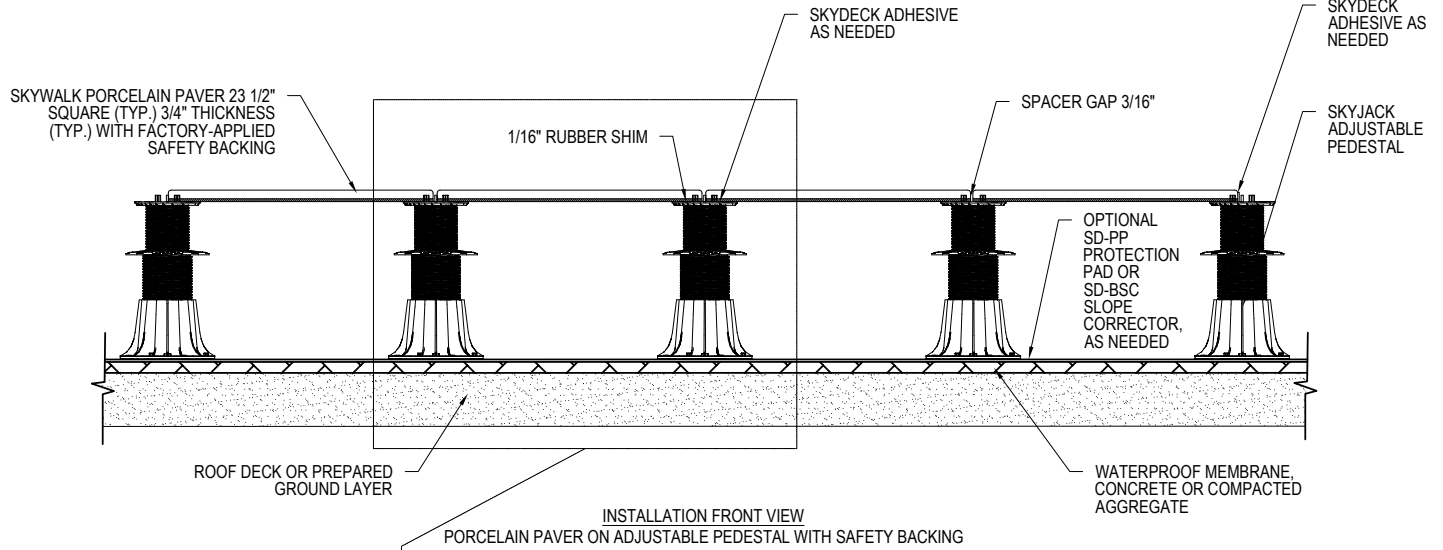
SKYWALK PAVERS

ROOFTOP PATIO SYSTEM by SKYDECK USA



ARCHITECTURAL ROOFTOP PAVERS

DETAIL MANUAL



PAVER SPECIFICATIONS		PEDESTAL SPECIFICATIONS								
MATERIAL: PORCELAIN		MATERIAL: FULLY RECYCLABLE HIGH DENSITY COPOLYMER POLY PROPYLENE (HD CPP)								
PRE-CRACK PEAK FORCE: 3,902 LBS										
POST-CRACK PEAK FORCE: 2,293 LBS										
TILE WEIGHT: 23.5 LBS (6 LBS/SQFT)		WEIGHT CAPACITY: 2150 LBS PER PEDESTAL								
		TEMP. RANGE: -20 TO 200 DEGREE F								
PEDESTAL OPTIONS		SD-TS	SD-00	SD-XXS	SD-XS	SD-S	SD-M	SD-L	SD-XL	SD-XL - EXT
		1/16\" SPACER PAD	1/4\" STACKABLE	3/8\" - 5/8\"	5/8\" - 1 1/4\"	1 1/4\" - 2\"	1 3/4\" - 3\"	3\" - 6\"	6\" - 13 3/4\"	8\" HEIGHT EXTENDER
NOTES:		APPLICATIONS: A REVOLUTIONARY AND COST-EFFECTIVE SOLUTION FOR REINFORCING THE UNDERSIDE OF PORCELAIN PAVERS. IF A PAVER CRACKS UNDER LOAD OR IMPACT, THE BACKING HOLDS THE PIECES TOGETHER, KEEPING THE SURFACE STABLE AND WALKABLE UNTIL THE PAVER CAN BE REPLACED. CAN BE USED IN ALL INSTANCES WHERE PEDESTALS ARE NORMALLY INSTALLED OVER GRATES (ROOFING MEMBRANE, CRUSHED AGGREGATE, CONCRETE)								
PORCELAIN PAVER ON PEDESTAL WITH FACTORY-APPLIED SAFETY BACKING		DWG. NO.:	5673-120	DATE:	8/5/2026					
		SHEET:	8.5\" X 11\"	BY:	CADDDETAILS					

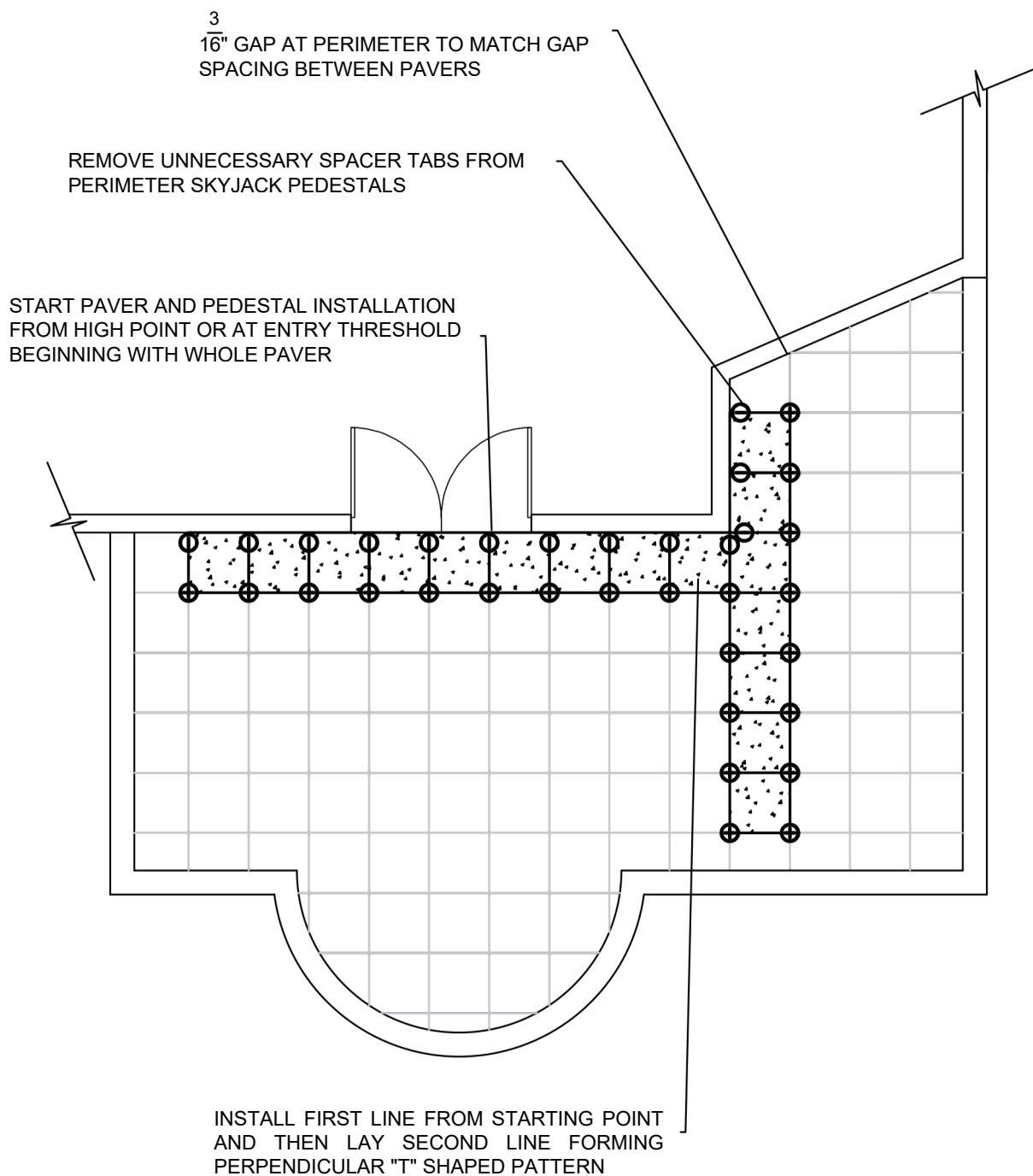


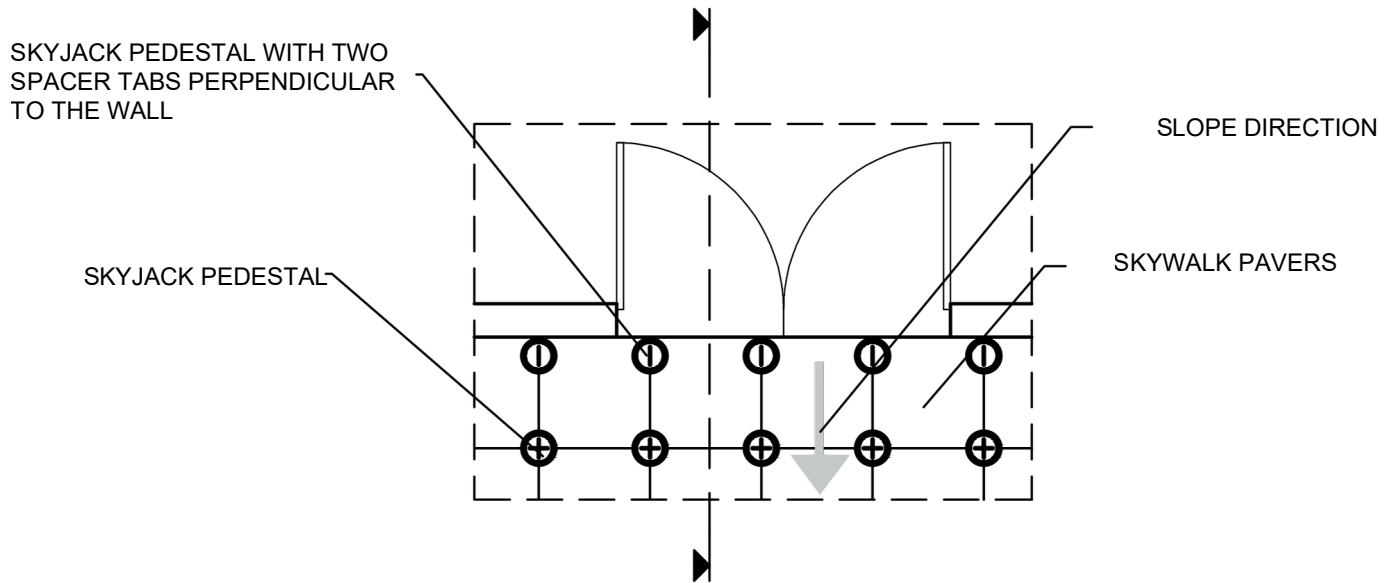
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usa

PAVER - PEDESTAL LAYOUT

SKYWALK PAVERS
Elevated Patio System by SKYDECK USA

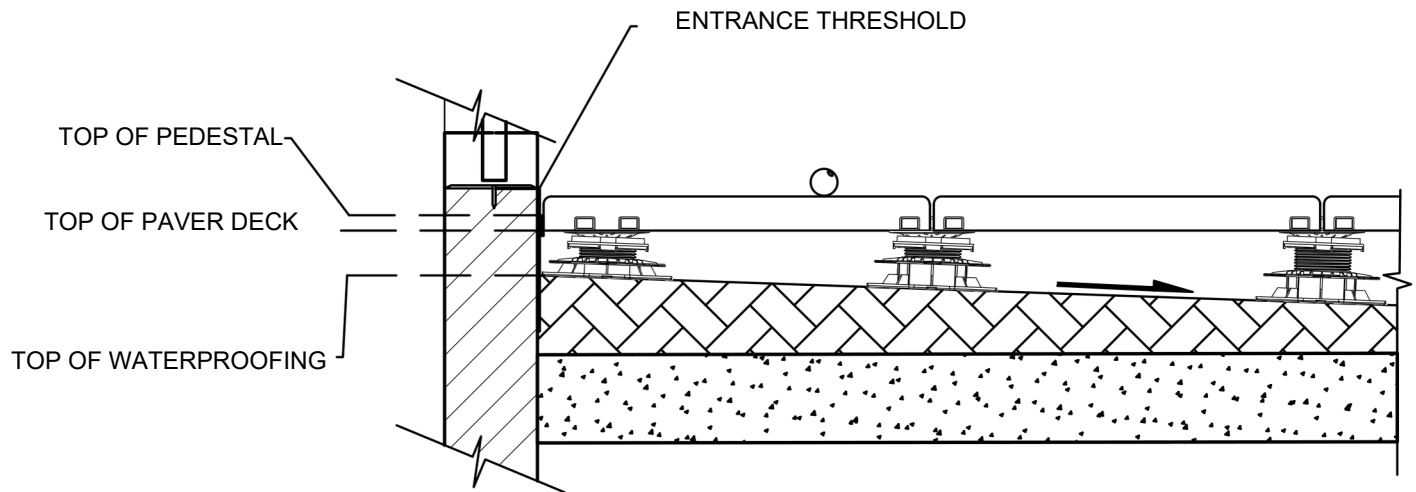
www.skydeckusa.com
info@skydeckusa.com





ENLARGED PLAN VIEW

THRESHOLD PEDESTAL / PAVER APPLICATION - SECTION DETAILS



NOTES:

1. INSTALLATION MUST BE COMPLETED IN ACCORDANCE WITH SKYDECK PRODUCT SPECIFICATIONS.
2. DRAWINGS NOT TO SCALE
3. TOP OF PAVER MUST BE BELOW ENTRANCE DOOR THRESHOLD.
4. MORE INFORMATION AVAILABLE AT www.skydeckusa.com



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RADIUS PAVER / PEDESTAL LAYOUT

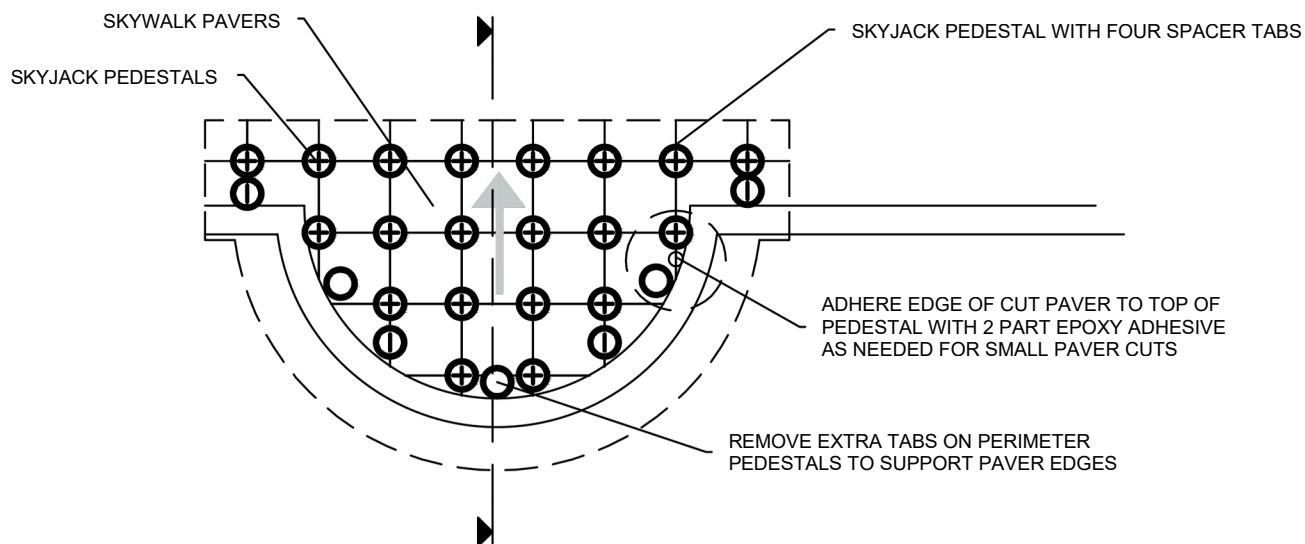
SKYWALK PAVERS

Elevated Patio System by SKYDECK USA

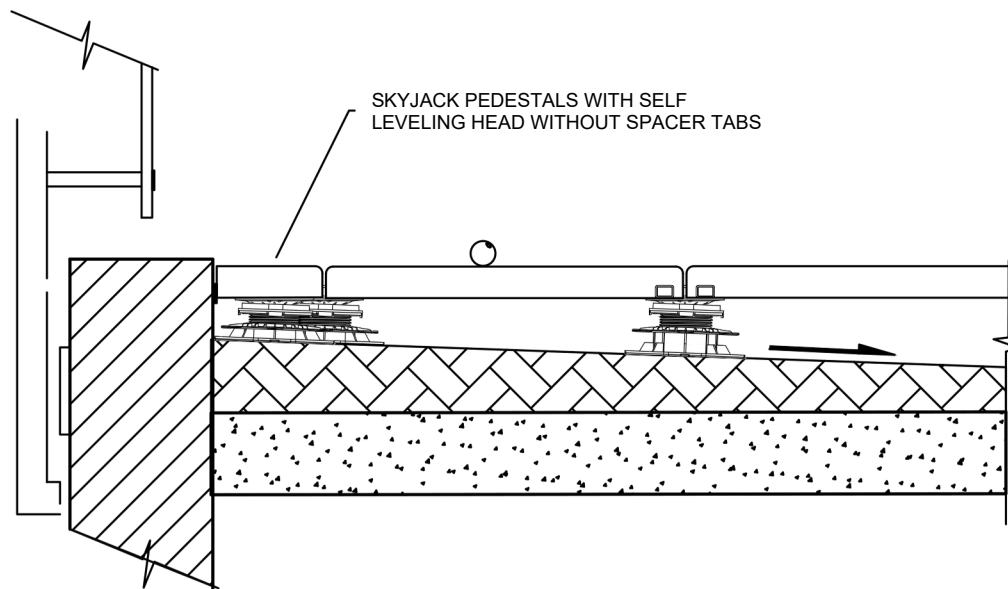
www.skydeckusa.com

info@skydeckusa.com

ENLARGED PLAN VIEW



RADIUS PEDESTAL / PAVER APPLICATION - SECTION DETAIL



NOTES:

1. INSTALLATION MUST BE COMPLETED IN ACCORDANCE WITH SKYDECK PRODUCT SPECIFICATIONS.
2. DRAWINGS NOT TO SCALE.
3. USE OF SELF LEVELING HEADS RECOMMENDED ON SLOPED AREAS.
4. MORE INFORMATION AVAILABLE AT www.skydeckusa.com



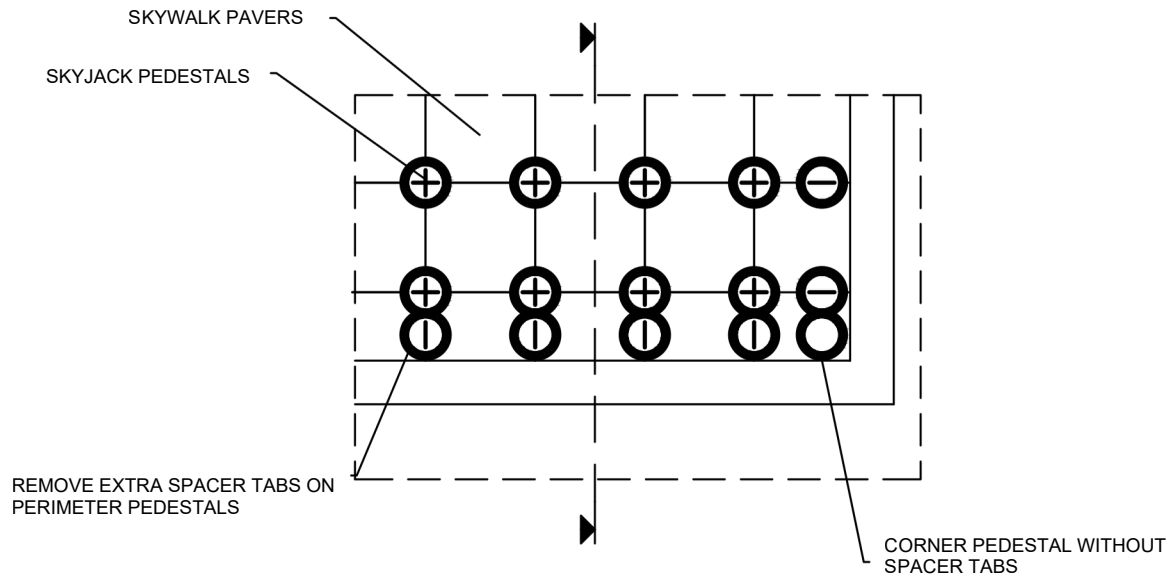
skydeck
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CORNER APPLICATION

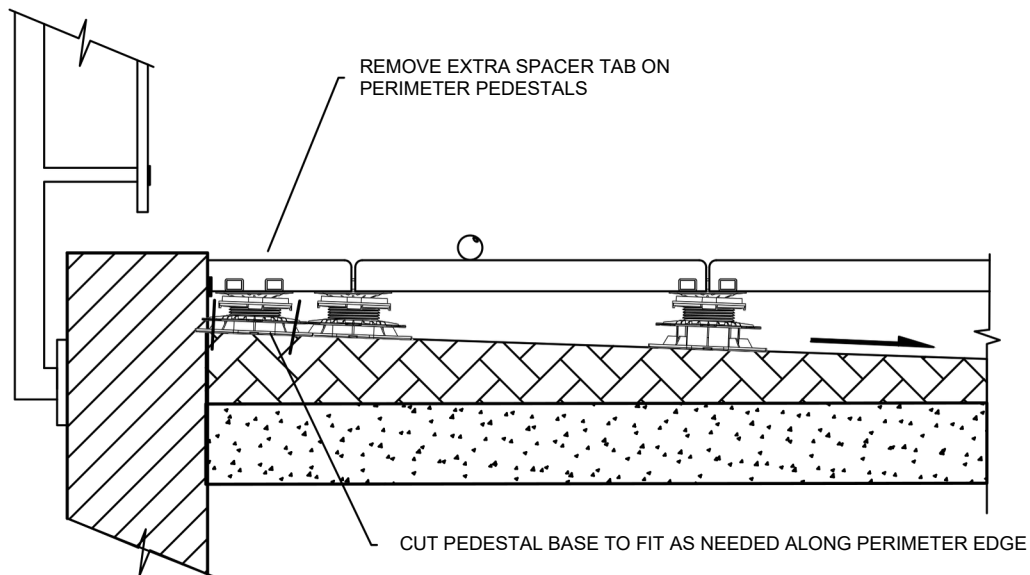
SKYWALK PAVERS
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ENLARGED PLAN VIEW



CORNER PEDESTAL APPLICATION



NOTES:

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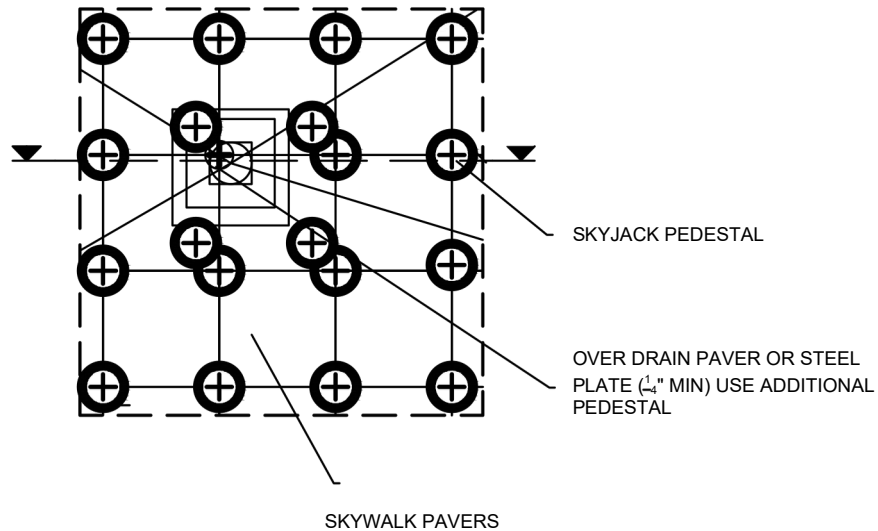
skydeck
usa

ROOF DRAIN APPLICATION

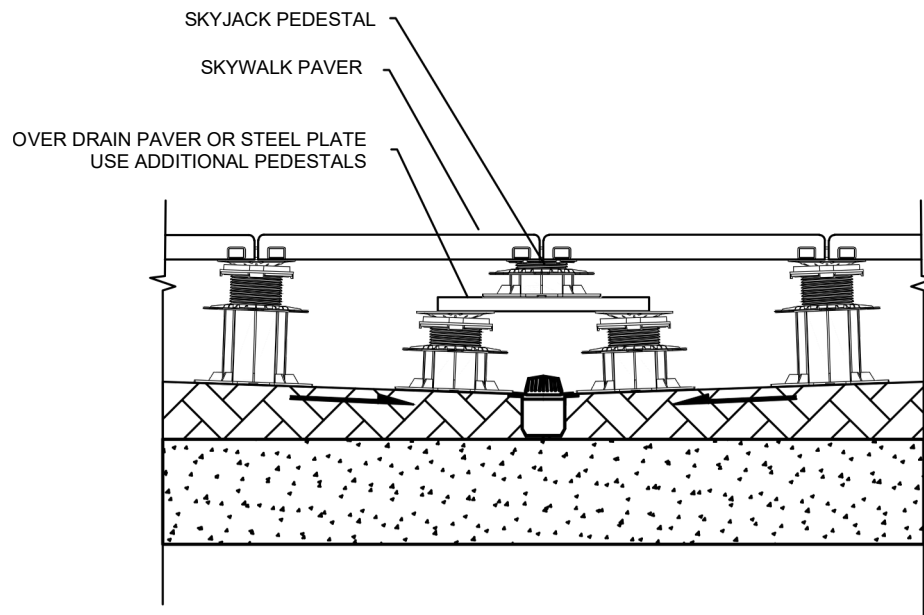
SKYWALK PAVERS
Elevated Patio System by SKYDECK USA

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ENLARGED PLAN VIEW



ROOF DRAIN APPLICATION



NOTES:

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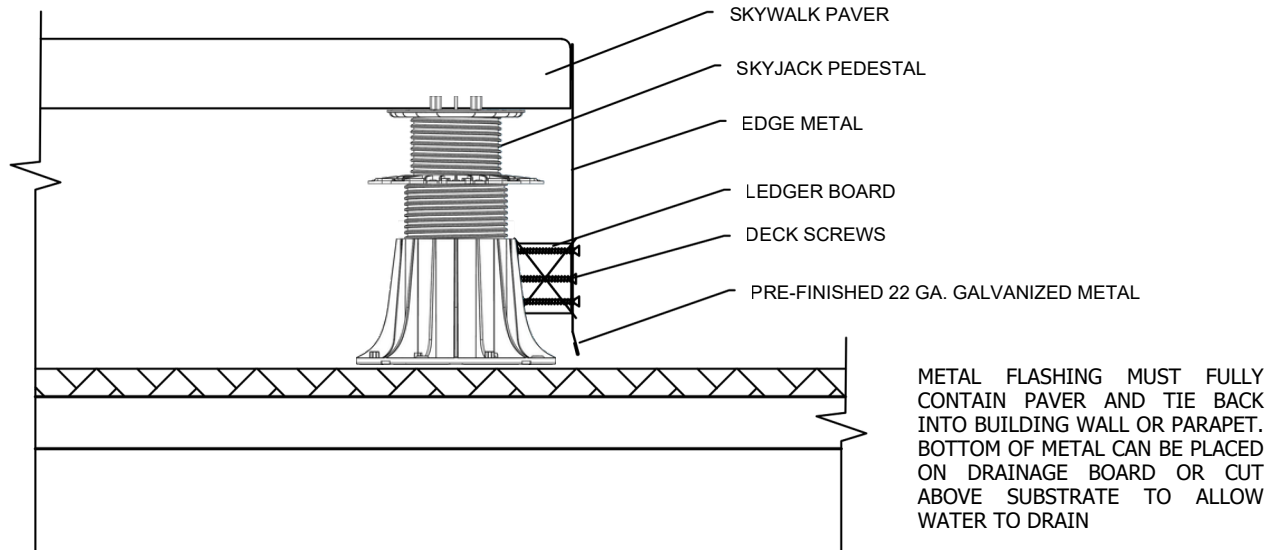
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PAVER CONTAINMENT DETAIL

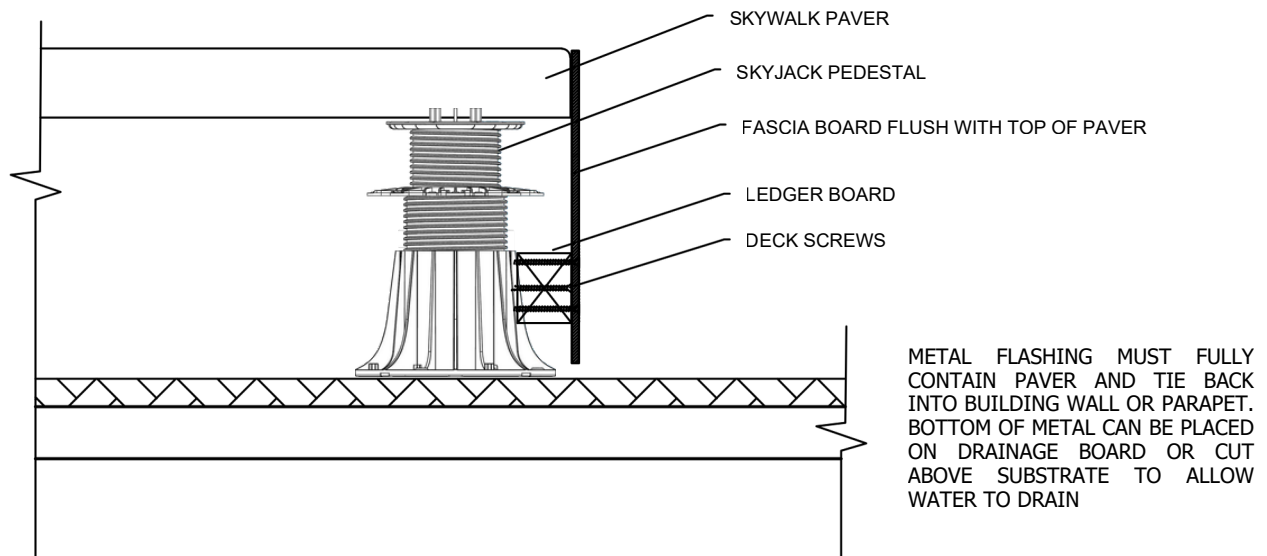
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METAL EDGING CONTAINMENT



WOOD FASCIA CONTAINMENT



NOTES:

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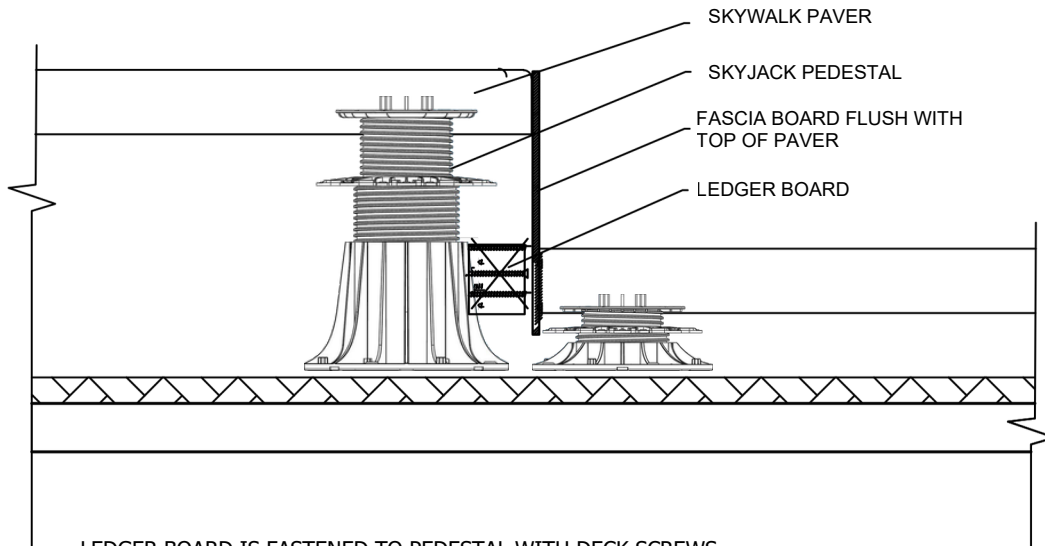
PAVER CONTAINMENT DETAIL

SKYWALK PAVERS

Elevated Patio System by SKYDECK USA

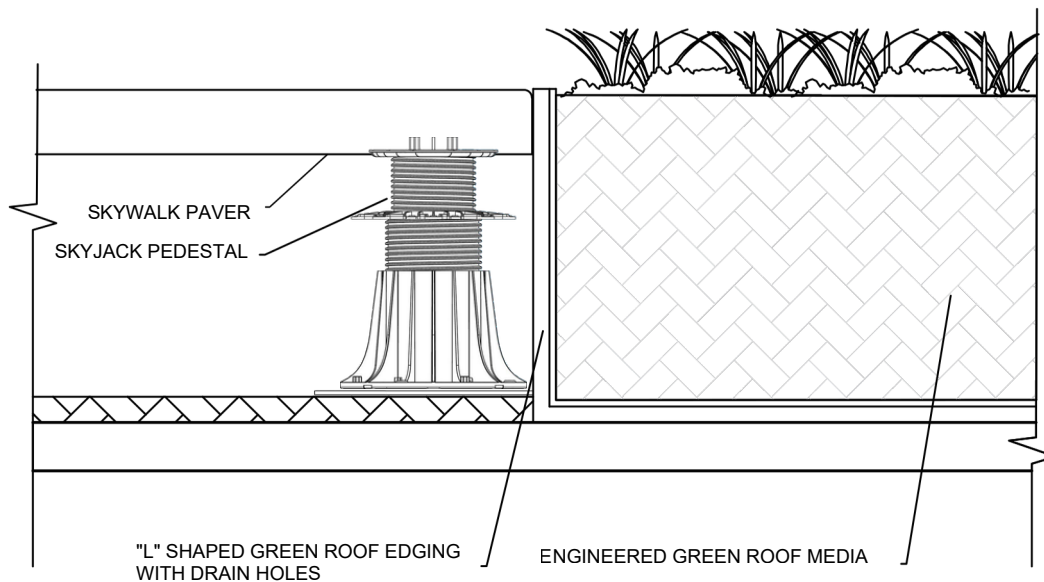
www.skydeckusa.com
info@skydeckusa.com

STEP DOWN CONTAINMENT



LEDGER BOARD IS FASTENED TO PEDESTAL WITH DECK SCREWS.
THE FASCIA BOARD IS FASTENED TO THE LEDGER BOARD WITH
FINISH SCREWS AND FUNCTIONS AS CONTAINMENT TO PREVENT
LATERAL MOVEMENT OF PAVERS.

GREEN ROOF CONTAINMENT



NOTES:

1. INSTALLATION MUST BE COMPLETED IN ACCORDANCE WITH SKYDECK PRODUCT SPECIFICATIONS.
2. DRAWINGS NOT TO SCALE.
3. USE OF SELF LEVELING HEADS RECOMMENDED ON SLOPED AREAS.
4. MORE INFORMATION AVAILABLE AT www.skydeckusa.com



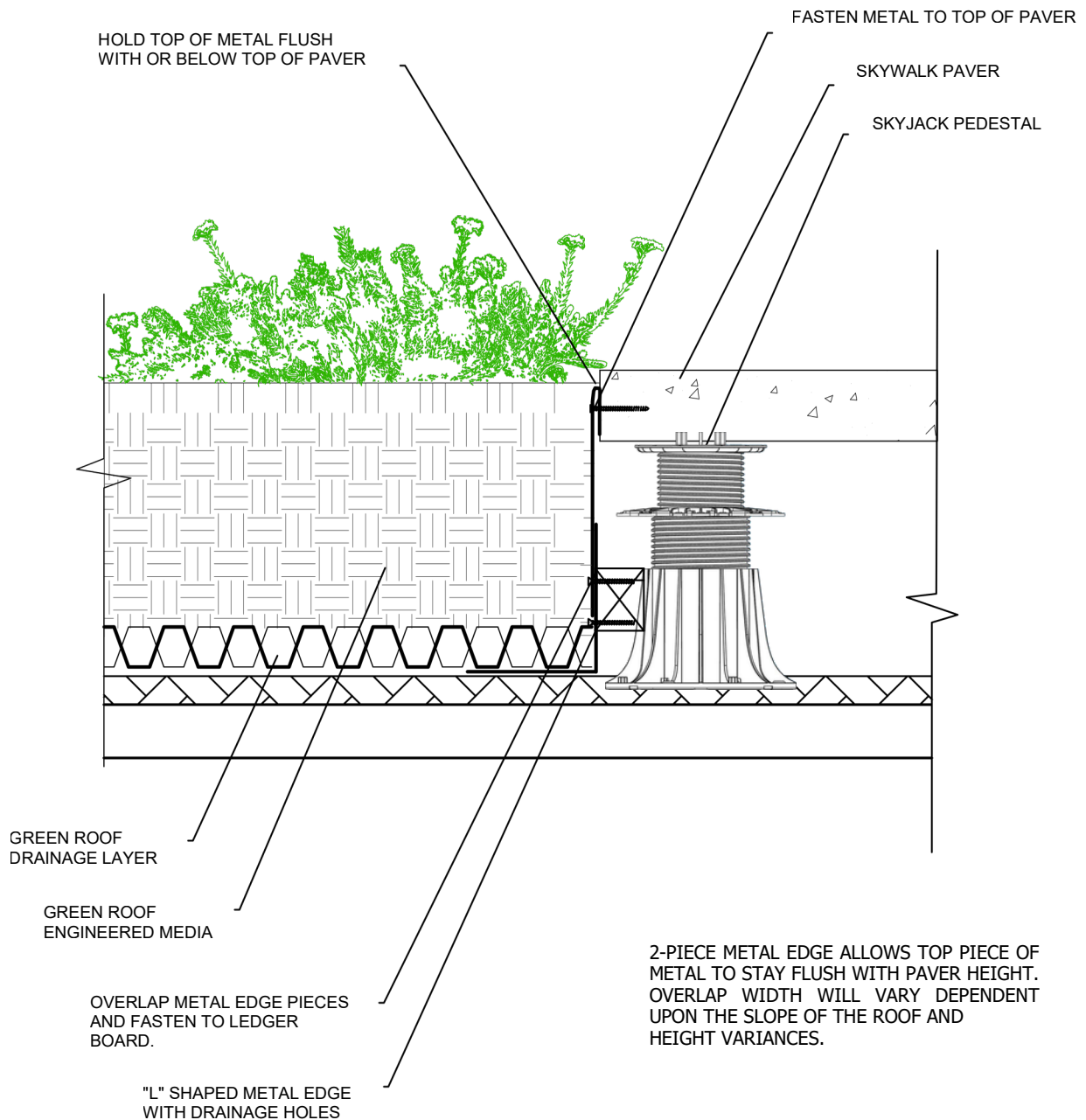
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PAVER CONTAINMENT DETAIL

SKYWALK PAVERS

Elevated Patio System by SKYDECK USA

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info@skydeckusa.com



NOTES:

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PORCELAIN ROOF PAVER PEDESTAL SYSTEM

SECTION 077600 - ROOF PAVERS | PART 1 - GENERAL



[Download Editable Word File](#)

1.1 SECTION INCLUDES:

- A. Adjustable pedestal supports.
- B. Rooftop porcelain pavers / tiles.

1.2 RELATED SECTIONS:

- A. Section 04 22 00 - Concrete Unit Masonry.
- B. Section 04 40 00 - Stone Assemblies.
- C. Section 61 50 00 - Wood Decking.
- D. Section 07 33 63 - Vegetated Roof System.
- E. Section 07 55 00 - Membrane Roofing.
- F. Section 09 69 00 - Access Flooring.

1.3 REFERENCES

- A. American National Standards Institute (ANSI):
 - 1. ANSI A137.1 - Standard Specifications for Ceramic Tile.
 - 2. ANSI A326.3 - Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials.
- B. ASTM International (ASTM):
 - 1. ASTM C373 - Water absorption and associated properties of ceramic tile.
 - 2. ASTM C648 - Standard Test Method for Breaking Strength of Ceramic Tile.
 - 3. ASTM C1026 - Standard Test Method for Measuring the Resistance of Ceramic and Glass Tile to Freeze-Thaw Cycling.
 - 4. ASTM C650 - Standard Test Method for Determination of Resistance to Chemical Substances.
 - 5. ASTM E1980 - Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces.

1.4 SUBMITTALS

- A. Submit under provisions of Section 07 76 00.
- B. Product Data:
 - 1. Manufacturer's data sheets on each product to be used.
 - 2. Preparation instructions and recommendations.
 - 3. Storage and handling requirements and recommendations.
 - 4. Typical installation methods.
- C. Verification Samples:
 - 1. Architectural Pavers: Submit samples for type, color and texture required.
 - 2. Pedestals: Submit samples of each pedestal component.
- D. Shop Drawings: Include details of materials, construction, and finish. Include relationship with adjacent construction.
 - 1. Scaled drawings to include plan of installation area, layout of all paver and pedestal areas, starting point and elevations.
- E. Delivery, storage and handling requirements and recommendations.
- F. Certifications: Written submittal by manufacturer indicating that installer is certified as qualified to perform work of this Section.
- G. Warranty: Submit manufacturer warranty and ensure Owner's name is registered with manufacturer.

PORCELAIN ROOF PAVER PEDESTAL SYSTEM

SECTION 077600 - ROOF PAVERS | PART 1 - GENERAL



1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum of five years documented experience.
- B. Single Source Responsibility: Manufacturer shall provide the following:
 - 1. Rooftop Pavers
 - 2. Pedestal Support System
- C. Installer Qualifications: Certified as pre-approved and qualified by manufacturer to install work of this section.
 - 1. Installer assumes liability for any deviations from specifications and/or the Drawings.
- D. Preconstruction Testing: Conduct to verify following.
 - 1. Membrane Roofing Manufacturer: Conduct inspection by certified manufacturer's technical representative to verify that the in-place membrane roofing system meets the manufacturer's specifications, is waterproof, and is approved for installation of the pedestal paver system. Verify membrane protection layer (if required) and other requirements to maintain roofing manufacturer's warranty provisions. A copy of the inspection report shall be submitted to the pedestal paver manufacturer prior to installation of the pedestal paver system.
 - 2. Membrane Integrity Test: The roof area or portions thereof shall be leak tested by means of electronic testing or flood testing for a period of 48 hours to check the integrity of the membrane installation. The Membrane integrity test shall be conducted by roof membrane contractor and attested in writing to pedestal paver manufacturer by the roofing contractor prior to the pedestal paver system being installed.
- E. Mock-Up: Construct a mock-up with actual materials in sufficient time for Architect's review and to not delay construction progress. Locate mock-up as acceptable to Architect and provide temporary foundations and support.
 - 1. The intent of mock-up is to demonstrate quality of workmanship and visual appearance.
 - 2. If mock-up is not acceptable, rebuild mock-up until satisfactory results are achieved.
 - 3. Retain mock-up during construction as a standard for comparison with completed work.
 - 4. Do not alter or remove mock-up until work is completed or removal is authorized.

1.6 PRE-INSTALLATION CONFERENCE

- A. Convene a conference approximately two weeks before scheduled commencement of the Work. Attendees shall include Architect, Contractor and trades involved. Agenda shall include schedule, responsibilities, critical path items and approvals.

1.7 DELIVERY, HANDLING, STORAGE, PROTECTION

- A. Deliver materials to project site in the original packaging with the manufacturer's labels intact and legible.
- B. Inspect all materials to ensure they are undamaged and in good condition.
- C. Store materials in a clean, dry, and protected location.
- D. Ensure waterproofing membrane is not damaged while delivering, storing, or handling material.
- E. Take measures to locate and spread loads in manner to not exceed load capacity of roof deck.
- F. Store paver and pedestal components and materials over plywood panels or protective sheeting. Do not allow products, grit, debris, and pedestrian traffic on unprotected roofing.
- G. During installation, protect the roof deck and membranes with appropriate material such as plywood sheeting. Never scrape or puncture membrane protection layer or membranes. Keep roof surfaces free of soil, grit, or debris at all times.

PORCELAIN ROOF PAVER PEDESTAL SYSTEM

SECTION 077600 - ROOF PAVERS | PART 1 - GENERAL / PART 2 - PRODUCTS



1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, precipitation) within limits recommended by manufacturer for optimum results. Do not install products in any unsafe condition, inclement weather or under environmental conditions outside the manufacturer's recommended limits.
- B. Deck supports specified are to be used with pedestrian traffic only. All four sides of the deck system must restrain and contain the decking panels with perimeter blocking or walls. Decking panels must not be allowed to move laterally.
- C. All membrane waterproofing and protection board surfaces to receive pedestals must be frost/ice free, and free of dirt, oil, debris, or any rough foreign matter, which may impair the waterproofing / roofing manufacturers guarantee or protection requirements.
- D. Installation or anticipated installation of additional heavy roof top feature such as, planters, benches, water features, hot tubs, industrial equipment etc. must be supported directly by additional pedestals that are in addition to the main deck paver pedestal system. Failure to adequately support the additional weight of any such features or items may cause significant damage to the deck, underlying structure, or waterproofing.
- E. All decks shall be designed to not exceed the design capacity of the pedestal.
- F. The substrate immediately below the pedestal supports shall provide positive and adequate drainage in accordance with good building practice and applicable building codes.
- G. Do not install Sky Deck Pedestal Paver System over any insulation less than 60psi or with low-density polystyrene (bead board insulation).

1.9 WARRANTY

- A. Manufacturer's Warranty: Paver and pedestal system manufacturer shall warrant the materials to remain free from defects for a period of five (5) years.
 - 1. SkyWalk Porcelain Pavers: Limited 5 year warranty.
 - 2. SkyJack Pedestal System: Limited 5 year warranty.
- B. Contractor's Warranty: The contractor shall warrant the work to remain free from defects of labor and materials used in conjunction with their work in accordance with the general conditions for this project for a maximum period of two (2) years.

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: SkyDeck USA, which is located at: 1181 58th St SW; Wyoming, MI 49509; Tel: 616-308-6309; Email: request info (info@skydeckusa.com); Web:https://skydeckusa.com
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with the provisions of Section 07 76 00.

2.2 MATERIALS

- A. SkyJack Adjustable Height and Slope Compensating Pedestals
 - 1. Material: Fully Recyclable High Density Copolymer Poly Propylene (HDCPP)
 - a. Resistant to UV, Aging and Decay.
 - 2. Temperature Range: -22 to 200 degrees F (29 to 93 degrees C).
 - 3. Typical Height Range: 0 to 21 inches (0 to 533 mm).
 - 4. Pedestal Bracing System: For pedestal applications over 21-3/4 inches (552 mm) in height.
 - 5. Weight Bearing Design Capacity: 2,150 lbs (975 kg) per pedestal.
 - 6. Spacer Tabs: 3/16 inch (5 mm). 1/8" available upon request (3mm).
 - 7. Slope Stabilization Head or Base Slope Corrector: Compensates for slope up to 5 percent.

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8. Pedestal Components:

a. Adjustable Pedestals:

- 1) Model SD-XXS: A top screw and bottom screw sit on top of one another.
 - a) Height Adjustment: Twist 8 ergonomic handles to adjust height in 0.04 inch (1 mm) increments.
 - b) Adjustment Range: 3/8 to 5/8 inches (8.5 to 16 mm).
- 2) Model SD-XS: A top screw and bottom screw that sit on top of one another.
 - a) Height Adjustment: Twist 8 ergonomic handles to adjust height in 0.04 inches (1 mm) increments.
 - b) Adjustment Range: 5/8 to 1-1/4 inches (16 to 32 mm).
- 3) Model SD-S: A base, screw ring, screw, and spacer tabs.
 - a) Height Adjustment: Twist 4 ergonomic handles to adjust height.
 - b) Adjustment Range: 1-1/4 to 2 inches (32 to 44 mm).
- 4) Model SD-M: A base, screw ring, screw, and spacer tabs.
 - a) Comes in one assembled piece with spacer tabs in a separate bag.
 - b) Height Adjustment: Made by twisting the ergonomic handles, using the hand tool or the drill bit tool.
 - c) Adjustment Range: 1.75 to 3 inches (44 to 75 mm).
- 5) Model SD-L: A base, screw ring, screw, and spacer tabs.
 - a) Comes in one assembled piece with spacer tabs in a separate bag.
 - b) Height Adjustment: Made by twisting the ergonomic handles, using the hand tool or the drill bit tool.
 - c) Adjustment Range: 3 to 6 inches (75 to 150 mm).
- 6) Model SD-XL: A base, screw ring, screw, and spacer tabs.
 - a) Comes in one assembled piece with spacer tabs in a separate bag.
 - b) Height Adjustment: Made by twisting the ergonomic handles, using the hand tool or the drill bit tool.
 - c) Adjustment Range: 6 to 13.75 inches (150 to 349 mm).

b. Extender Sleeve:

- 1) Model SD-XL-EXT. Used to increase the height range of SD-XL pedestals.
 - a) Screws into the SD-XL pedestal base.
 - b) The screw head is applied to the extender top.
- 2) Pedestal Heights Greater than 21-3/4 inches (552 mm): Use Skydeck USA steel strapping system to stabilize pedestals.

c. Base Slope Corrector:

- 1) Model SD-BSC. Placed underneath the SD-M, SD-L and SD-XL pedestals to compensate for slopes up to 5 percent.
 - a) Twist to adjust the slope correction from 0 to 5 percent.

d. Head, Self -Leveling: Used for installations where slope is present. Upper and lower pieces.

- 1) Model SD-XL-SLH.
- 2) The lower piece locks onto the Screw. The upper piece is put into the lower part of the head. The Head automatically adjusts to be level under applied loads.

e. Regulation Shim: Used to eliminate uneven pavers and to compensate small differences in height of terrace pavers. Also used for sound dampening. Can be cut into halves and quarters, as necessary.

- 1) Thickness: 1/16 inches (1.6 mm).

f. Deck Joist Adapter: for mounting and supporting deck joists.

- 1) SD-AD.

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B. SkyWalk porcelain pavers with integrated safety backing.

1. Composition: Porcelain ceramic body manufactured predominantly from clay and naturally occurring mineral materials, with factory-applied fiberglass safety backing bonded to the underside.
2. Weight: Approximately 9 lb/sq. ft. (44 kg/sq. m) for nominal 2 cm porcelain. Unit weight varies with size; submit the actual finished weight including safety backing for the selected product.
3. Physical Porcelain Properties: Typical values; provide selected-product data.
 - a. Water Absorption per ISO 10545-3: Less than 0.1 percent.
 - b. Breaking Strength per ISO 10545-4: Greater than 2,200 lbf.
 - c. Modulus of Rupture per ISO 10545-4: Greater than 7,000 psi.
 - d. Frost Resistance per ISO 10545-12: Resistant.
 - e. Thermal Shock Resistance per ISO 10545-9: Resistant.
 - f. Chemical Resistance per ISO 10545-13: Class UA; resistance to acids and alkalis: ULA/UHA.
 - g. Stain Resistance per ISO 10545-14: Class 5.
 - h. Slip Resistance: Provide ANSI A326.3 data and exterior-use classification for the selected surface.
4. Integrated Safety Backing: Factory-bonded fiberglass reinforcement on the underside of each paver.
5. Paver Thickness: Nominal 2 cm (approximately 3/4 inch), excluding safety backing.
6. Nominal Size: 12 x 12 inches (305 x 305 mm).
7. Nominal Size: 12 x 24 inches (305 x 610 mm).
8. Nominal Size: 12 x 48 inches (305 x 1219 mm).
9. Nominal Size: 24 x 24 inches (610 x 610 mm).
10. Nominal Size: 24 x 48 inches (610 x 1219 mm).
11. Size availability varies by color. Select from the SkyWalk porcelain color and size chart; confirm actual dimensions before setting out.
12. Color: Bosco Silver. Solar Reflective Index: not published.
13. Color: Calm White. Solar Reflective Index: 80.
14. Color: Cementek - Cemento. Solar Reflective Index: 70.
15. Color: Cementek - Cenere. Solar Reflective Index: 76.
16. Color: Cementek - Sandalo. Solar Reflective Index: 38.
17. Color: Charcoal. Solar Reflective Index: not published.
18. Color: Coastal. Solar Reflective Index: 77.
19. Color: Coral. Solar Reflective Index: 70.
20. Color: Cotto. Solar Reflective Index: 47.
21. Color: Flagstone-Sienna-Slate. Solar Reflective Index: not published.
22. Color: Grey Mist. Solar Reflective Index: 73.
23. Color: Hyalite. Solar Reflective Index: 40.
24. Color: Limestone. Solar Reflective Index: 70.
25. Color: Lunar. Solar Reflective Index: 75.
26. Color: Marble - Glacial White. Solar Reflective Index: 75.
27. Color: Monochrome - Ash. Solar Reflective Index: 56.
28. Color: Monochrome - Basalt. Solar Reflective Index: 35.
29. Color: Monochrome - Bone. Solar Reflective Index: 78.
30. Color: Monochrome - Cognac. Solar Reflective Index: 42.
31. Color: Monochrome - Sand. Solar Reflective Index: 74.
32. Color: Nordic Pine. Solar Reflective Index: not published.
33. Color: Quarry. Solar Reflective Index: 75.

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34. Color: Quartzite - Cloud. Solar Reflective Index: 62.
35. Color: Quartzite - Crystal White. Solar Reflective Index: 81.
36. Color: Quartzite - Laguna. Solar Reflective Index: 44.
37. Color: Quartzite - Sandy Island. Solar Reflective Index: 48.
38. Color: Ridge. Solar Reflective Index: 70.
39. Color: Slate Nero. Solar Reflective Index: 21.
40. Color: StoneTech - Bluestone. Solar Reflective Index: 40.
41. Color: StoneTech - Calstone. Solar Reflective Index: 56.
42. Color: StoneTech - Greystone. Solar Reflective Index: 41.
43. Color: StoneTech - Multicolor. Solar Reflective Index: not published.
44. Color: StoneTech - Pennstone (Full Color). Solar Reflective Index: 42.
45. Color: StoneTech - Pennstone (True Blue). Solar Reflective Index: 42.
46. Color: StoneTech - Riverstone. Solar Reflective Index: 62.
47. Color: StoneTech - Titan. Solar Reflective Index: 44.
48. Color: WoodLook - Strato-Teak. Solar Reflective Index: not published.
49. Color: Terrazzo - Charcoal. Solar Reflective Index: 30.
50. Color: Terrazzo - Cool Grey. Solar Reflective Index: 72.
51. Color: Terrazzo - Cool White. Solar Reflective Index: 84.
52. Color: Terrazzo - Grey Black. Solar Reflective Index: 58.
53. Color: Terrazzo - White Black. Solar Reflective Index: 69.
54. Color: Travertine - Andes Shell. Solar Reflective Index: 68.
55. Color: Travertine - Andes Silver. Solar Reflective Index: 72.
56. Color: Travertine - Avorio. Solar Reflective Index: 80.
57. Color: Travertine - Cappuccino. Solar Reflective Index: 55.
58. Color: Travertine - Crema. Solar Reflective Index: 77.
59. Color: Travertine - Pearl. Solar Reflective Index: 67.
60. Color: Travertine - River. Solar Reflective Index: 62.
61. Color: Travertine - Walnut. Solar Reflective Index: 62.
62. Color: WoodLook - Canyonwood Brown. Solar Reflective Index: 38.
63. Color: WoodLook - Canyonwood Grey. Solar Reflective Index: 49.
64. Color: WoodLook - Canyonwood Ivory. Solar Reflective Index: 52.
65. Color: WoodLook - Drift. Solar Reflective Index: 75.
66. Color: WoodLook - Forest Honey. Solar Reflective Index: 68.
67. Color: WoodLook - Lapacho. Solar Reflective Index: 36.
68. Color: WoodLook - Pine. Solar Reflective Index: 58.
69. Color: WoodLook - Strato-Chestnut. Solar Reflective Index: not published.
70. Color: WoodLook - Tectona. Solar Reflective Index: 43.
71. Color: WoodLook - Woodsmoke. Solar Reflective Index: not published.

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3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared and related work penetrating the plane of the roof is completed.
 - 1. Carefully inspect installed work of other trades and verify that such work is complete to the point where work of this section may properly commence.
 - 2. Notify the Architect in writing of the conditions detrimental to the proper and timely completion of work.
- B. Verify the Following:
 - 1. Substrates, membranes, and protection boards are ready for installation of pedestal and paver system.
 - 2. The roof deck will sustain the weight of the pedestal paver system.
 - 3. Deck dimensions and elevations and pedestal heights before commencing work.

3.2 PREPARATION

- A. Clean and prepare deck free of all debris in accordance with manufacturer's instructions.
- B. Install membrane protection layer under all pedestals if specified by roofing membrane manufacture.
- C. Establish accurate lines, levels, and pattern.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions, approved submittals, and in proper relationship with adjacent construction.
 - 1. Determine starting point and layout the paver and pedestal grid layout determining where full and cut pavers will be installed.
 - 2. Mark perpendicular guidelines on substrate surface to ensure square layout.
 - 3. Install initial pavers along guidelines forming a "T" pattern.
 - 4. Install Pavers tightly butted into pedestals. Form even joint width determined by pedestal spacer tabs.
 - 5. Checks shall be made constantly for correct elevation and spacing of the installed pavers using laser level, automatic leveler, or mason's line.
 - 6. Slight irregularities in paver thickness and/or deck heights can be compensated for by using one or more regulation shims.
 - 7. Any section of paver, pedestal or protection course which is not restrained by an abutting wall or parapet must be "boxed in" by some field installed restraint.

3.4 CLEANING AND PROTECTION

- A. Clean products in accordance with the manufacturers recommendations.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

3.5 ROUTINE MAINTENANCE AND CARE

- A. Remove and replace pavers, which are loose, chipped, broken, stained or otherwise damaged. Make sure edge restraints stay intact and are structurally sound.
- B. Remove mortar stains and all other types of soiling from exposed paver surfaces, wash, and scrub clean.
- C. Clean porcelain pavers with water and a neutral detergent. Rinse thoroughly; use manufacturer-recommended cleaners for persistent deposits.
- D. Provide final protection and maintain conditions in a manner acceptable to installation, which ensures paver work being without damage or deterioration at time of substantial completion.
- E. Joints and drains should be kept clean to protect from water back up.

END OF SECTION