

Oldcastle Precast[®]
Westile

Plaza Pavers - Classic Series



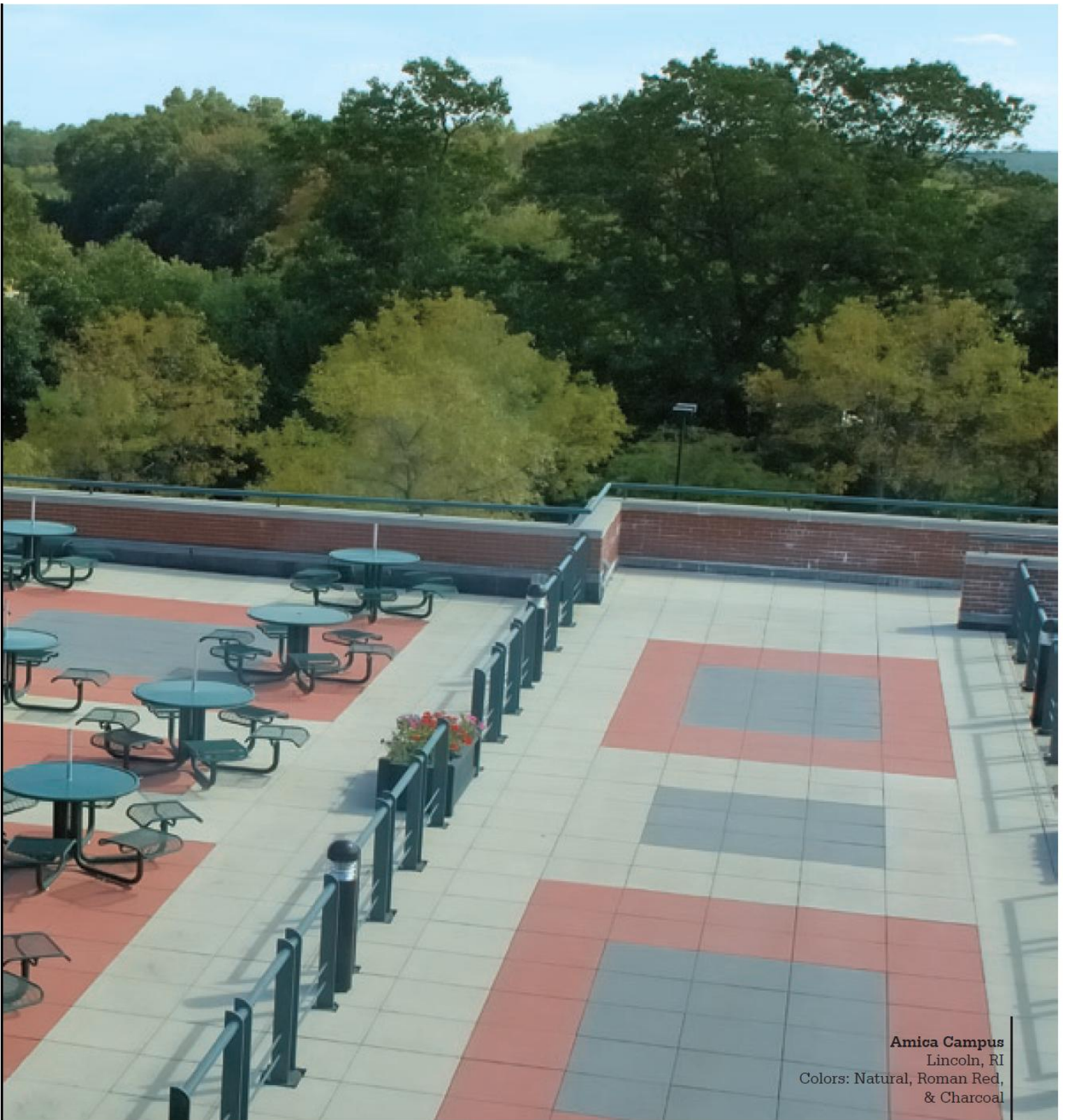
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AT WESTILE, WE UNDERSTAND each building structure has its own unique look and style developed with purpose and passion. We share that passion by helping bring that same uniqueness and style to your plaza area.

Whether the plaza design is simple or complex, our mission is to assist the building owner, architect and contractor in producing a smooth plaza surface to achieve the look you're wanting – fabulous!



Westile combines 25 years' roofing expertise with solid business values. We provide quality tested products, useful design tools and reliable customer service.

Here at Westile, we blend experience and innovative products to inspire imagination and creativity – helping you accomplish your vision for the plaza area.

Westile. Discover new possibilities for plaza design & construction.

APPLICATIONS

ATTRACTIVE PLAZA AREAS offer pedestrians an outdoor place to gather and enjoy fresh air, bright sunshine or beautiful views. Plazas on rooftops and terraces provide practical solutions for maximizing space and building decks over sloping, difficult or uneven surfaces.

Whether the style is traditional or contemporary, Westile's expertise encompasses numerous applications including Universities, Museums, Office Buildings, Hotels, Hospitals, Residential Homes, and Condominiums.





Reebok International
Canton, MA
Color: Natural



COLORS

Shown in Architectural Granite Finish



NATURAL



GLACIER



ROMAN RED



CORAL



GINGER



LIMESTONE
GREEN



CHARCOAL



CHAMOIS



BURGUNDY



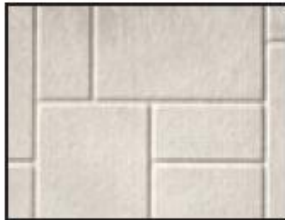
CINNAMON

Custom colors also available. Contact Westile for more information.

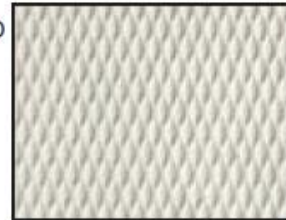
Notices: Colors subject to change without prior notice. Colors in this brochure may vary from current stock. Actual samples are available from Westile. Slight variations in color may occur during manufacturing. Slight scuffing may occur during handling.

FINISHES

Shown in Natural Color



RANDOM



DIAMOND



ARCHITECTURAL
GRANITE



MATTE



LEDGEROCK



BROOKLIN

Plaza Paver™ Physical Properties:

Compressive Strength	8000 psi	ASTM Test Method C140
Water Absorption	5% max.	ASTM Test Method C140
Flexural Strength	725 psi	ASTM Test Method C293
Freeze Thaw	1% loss of dry weight	ASTM Test Method C67

Classic Plaza Paver™ Features

Sizes: Available in 24" x 24" x 1-7/8" (nominal)
and 17-3/4" x 17-3/4" x 1-7/8" (nominal)

Weight: 21 lbs./sq.ft.

Dimensional Tolerance: +/- 1/16 (length, width,
height, convex, concave)

Do not use de-icing agents including but not limited to Ammonium Nitrate, Ammonium Sulfate, Sodium Chloride (Salt) and Calcium Chloride; these agents are destructive to Westile concrete pavers.

During the course of the work and on completion, remove any cut dust from the surface of the pavers by means of high pressure water or air; cut dust can and will discolor pavers if left unattended. When cleaning with high pressure water, use caution to avoid damage to pavers.

Refer to the *Plaza Paver Short Form Guide Specifications* for more information, which is available for download on www.westile.com.

SCREW JACK PEDESTALS



POSSIBILITIES ARE ENDLESS when designing and building plaza decks using Westile ScrewJack Pedestals. The ScrewJack system's elevation range of 1/16 inch to 24 inches allows for building plaza decks over almost any sloping or difficult surface.

INSTALLING PAVERS IS EFFICIENT!

Building plaza decks over occupied space has never been easier. The unique screw-to-adjust feature eliminates tedious and time consuming installation often associated with constructing level decks over sloping surfaces. Construction crews quickly level each plaza paver by turning the pedestal base, even while loaded.

FUTURE ACCESS to waterproofing entails simply removing specific plaza pavers. ScrewJack adjustments within the allowed range are accomplished by merely turning the pedestal base and you're done – saving time and money!



ACCESSORIES

ScrewJack Adjustable Pedestals



Model B1
adjust from
1 1/4" - 2"
3/16" spacer



Model B2
adjust from
2" - 3"
3/16" spacer



Model B3
adjust from
3" - 4 3/4"
3/16" spacer



Model B4
adjust from
4 3/4" - 7 3/4"
3/16" spacer



Model C4
coupler adds
2 1/2" - 4"
add to B3 & B4

ScrewJack Accessories

Shimming Methods



Model B11
1/16" Rubber
Model PS1
1/8" Rigid



Fixed Height Pedestals



Model PS8
1/2" stackable
3/16" spacer
Model PS9
3/4" stackable
3/16" spacer



Slope Leveling



Model PH5
Top Leveler
0-5/8" slope/ft.
Model LD4
Bottom Leveler
(utilize 1 to 4)
1/4"-1" slope/ft.

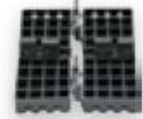


Fixed Height Pedestals

For Use in Sloped System and/or Can Be Stacked to Create Level System



Pave-EL® 4x
5/8"x 4 1/2"x 4 1/2"
3/16" spacer
Pave-EL® 5x
5/8"x 5 1/2"x 5 1/2"
1/4" spacer



Pave-EL® 6x
5/8"x 5 3/4"x 5 3/4"
1/8" spacer
Pave-EL® 7x
7/8"x 7 3/4"x 7 3/4"
1/4" spacer



Leveling Plates

1/8" Rigid



4x



5x



6x



7x



Probst - Slab Grabber
Adjustable from 15" to 24"



Spacer Tab
Available in 1/8" & 3/16"



Terring 120mm
3/8" Pedestal
(Non stackable)



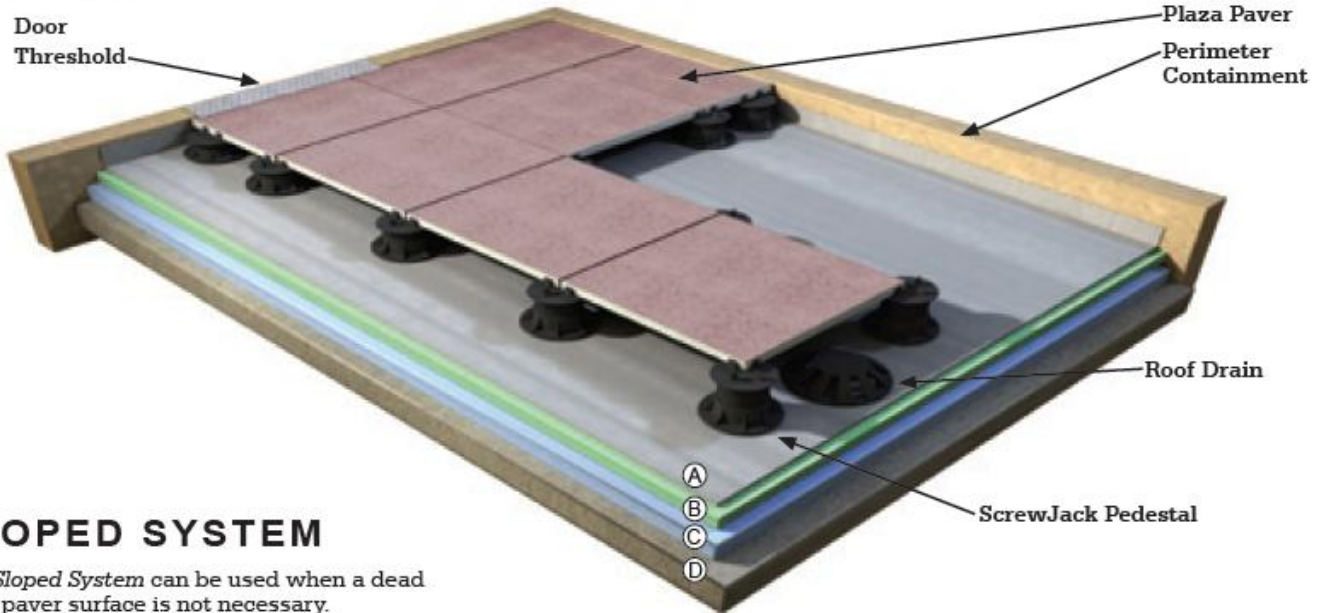
120mm Shim
Adds 1/8" to height

Product	Product Features	Physical Characteristics
ScrewJack Model Nos. B1, B2, B3, B4, C4, PS1, PS8, PS9, PH5, LD4	High density polypropylene Supports 1000 lbs. with a safety factor of two Ultra-violet and ozone resistant Unaffected by freeze-thaw cycling	Meets ASTM D746 Brittleness Temp. Meets ASTM D1525 Softening Temp. of Plastics Meets ASTM D1706 Shore Hardness
ScrewJack Model B11	1/16" thick EPDM Rubber	Meets ASTM D412 Tensile Strength and Elongation Meets ASTM D624 Tear Resistant Meets ASTM D471 Resistant to Water Absorption
Pave-EL® 4x, 5x, 6x, 7x Pedestals and Leveling Plates	High density polyethylene Ultra-violet and ozone resistant Unaffected by freeze-thaw cycling	Meets ASTM D746 Brittleness Temp. Meets ASTM D1525 Softening Temp. of Plastics Meets ASTM D1706 Shore Hardness

INSTALLATION

LEVEL SYSTEM

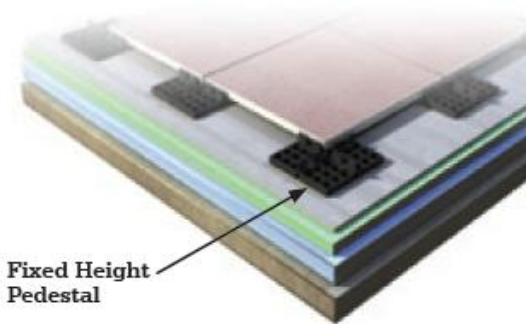
The *Level System* is used for a dead level paver surface. This system allows for installation of a level paver surface over various sloping substrates.



Conventional or IRMA Roof Assembly
Pedestrian use only

SLOPED SYSTEM

The *Sloped System* can be used when a dead level paver surface is not necessary.



- Ⓐ Membrane
- Ⓑ Protection Board (optional)
- Ⓒ Insulation (optional)
- Ⓓ Roof Deck

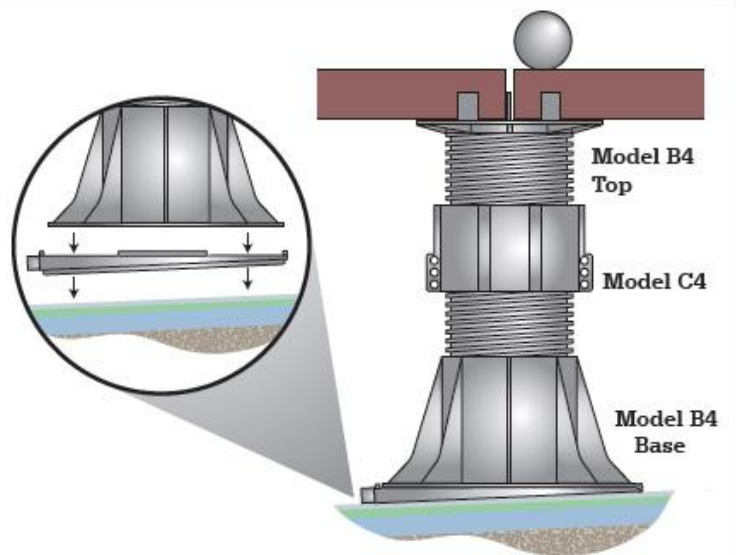
Pedestals are loose-laid and not attached to the roof assembly. If insulation is used, refer to the Insulation Manufacturer for p.s.i. requirements.

SLOPE LEVELING MODEL LD4 EXAMPLE

LD4 Bottom Leveler Disk offers a simple and cost effective solution to compensating for sloping surfaces between 1/4" to 1" per foot of slope. A single LD4 corrects 1/4"; stack up to four as needed.

When using two or more LD4's, rotate in relation to each other to create a plumb ScrewJack and level paver surface.

LD4 is not required for slopes under 1/4" per foot.



1 A TYPICAL PAVER/SCREWJACK INSTALLATION

Refer to the *Westile, Inc. ScrewJack B-Series Specifications*, available for download on www.westile.com, for complete specification and installation requirements.

Installation

Do not install first row of pavers at perimeter wall; begin installation of *full* pavers at the second row in the roof field.

Mark perpendicular guidelines on substrate surface to ensure square layout.

Install initial pavers along guidelines forming a "T" pattern.

Install remaining field pavers out from "T".

Install *perimeter* pavers last. Perimeter pavers are normally cut and less than full size to ensure proper layout and fit.

Door Threshold

Perimeter Containment

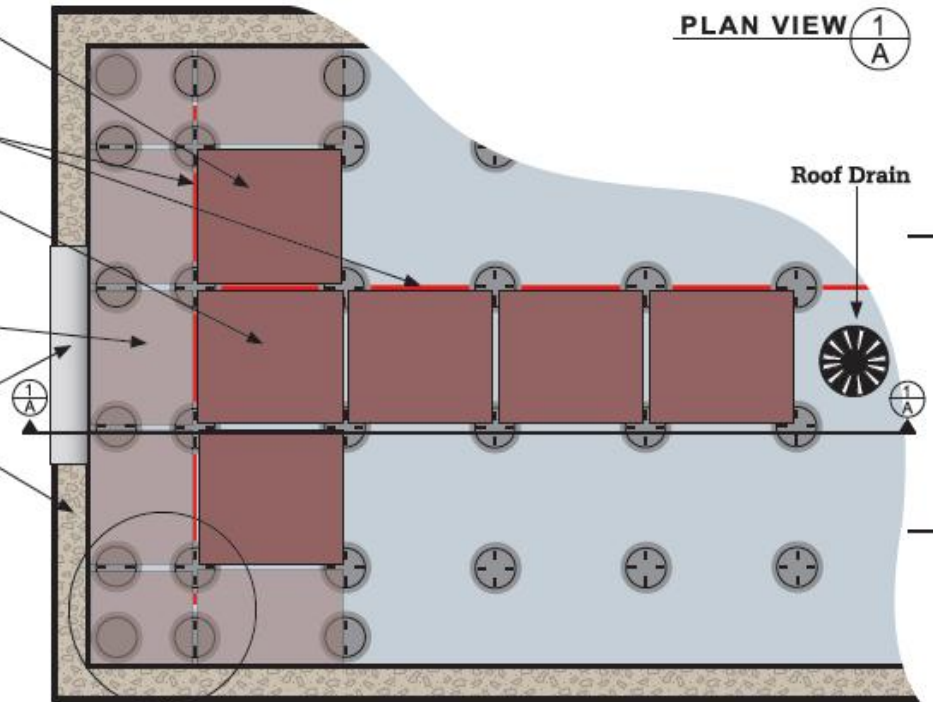
Any section of the roof that receives concrete pavers that is not restrained by an abutting wall or parapet must be "boxed in" by some field installed restraint. No movement should be allowed at the perimeter of a paver system greater than 3/16 inch.

Perimeter/Corner ScrewJack Installation

For ScrewJack placement at perimeter edges and corners, spacer tabs are easily removed.

- Along perimeter, remove two tabs.
- At corner, remove all four tabs.
- Use all tabs for field pavers.

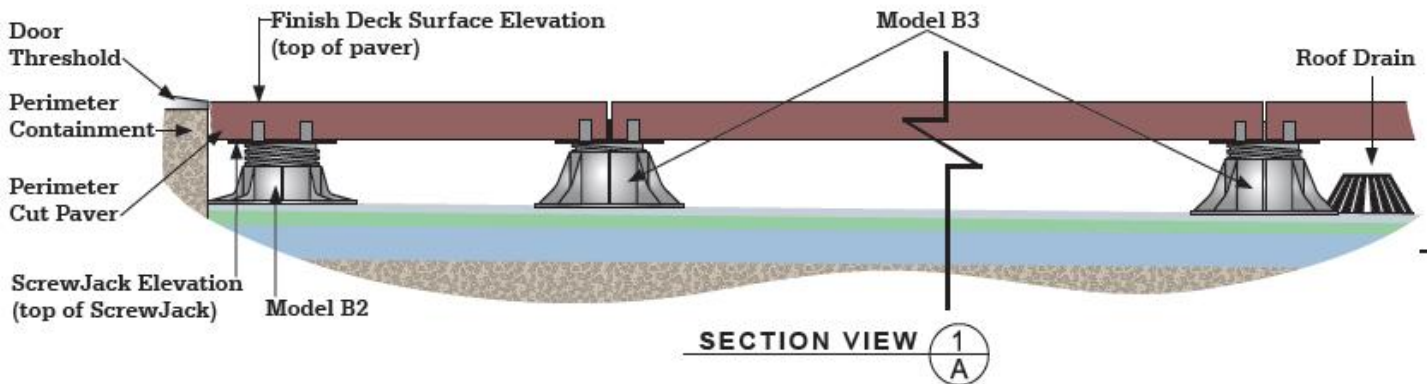
ScrewJacks at perimeter and corners are installed flush to wall. Base flange can be trimmed for close fit at perimeter.



PLAN VIEW 1
A

SCREWJACK SELECTION/ELEVATION

Installation requirements vary for each individual project site. Paver size, pattern, grid layout, starting point and finished deck surface elevation should be shown on shop drawings which have been approved by the designer, installing contractor and owner. Measurements from the construction site should be used for final ScrewJack selection and purchasing.



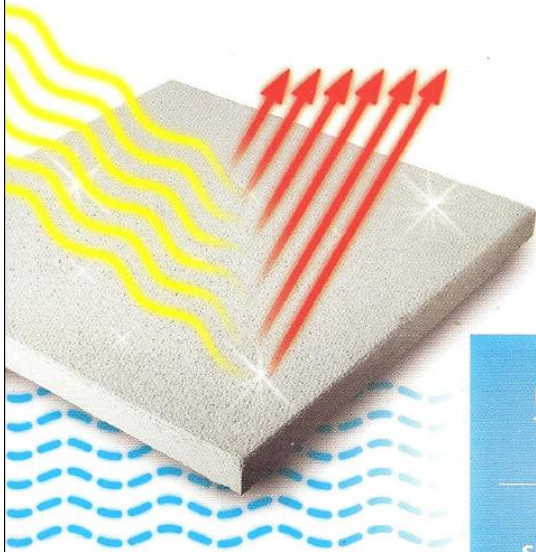
SECTION VIEW 1
A

The **Finish Deck Surface Elevation** is determined at the door threshold. The shortest ScrewJacks are usually at the door threshold and the tallest ScrewJacks are at the roof drains. To obtain **ScrewJack Elevation**, subtract paver thickness from the **Finish Deck Surface Elevation**.

For ScrewJack Elevations below 1 1/4 inch, use the Fixed Height stackable pedestals, Models PS8 and PS9, or stack B11, 1/16" shims (up to 1/2") plus 3/16" spacer tab.

For heights above 7 3/4 inches, use Model C4 coupler with Models B3 or B4. Heights between 16 to 24 inches require additional bracing for extra stability. Contact Westile for specifications.

White Solar Reflective Roof Pavers



Key Benefits

- Attractive and cost effective
- Ideal for rooftop, terrace and balcony designs
- Helps reduce interior heat gain and cooling loads
- Outstanding durability and slip resistance

Roof Type	Slope Rise: Run	Standard Solar Reflective Index (SRI)	Westile Matte Texture (SRI)	Westile Granite Texture (SRI)
Low Sloped Roof	< 2 : 12	78	90.5	84.3

Green and sustainable building programs often impact the design and material choice used in new and retrofit construction projects. White Solar Reflective Roof Pavers are ideal for creating functional and attractive rooftop, terrace, and balcony designs. They are a cost effective solution for increasing energy-efficiency by reducing heat island effect. Our White Solar Pavers are available in either standard matte or Granite textured finish.



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For more information, visit our website at www.westile.com