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 architect, building owner and contractor in producing a plaza surface to achieve the look you have envisioned.

ATTRACTIVE PLAZA AREAS offer pedestrians an outdoor place to gather and enjoy fresh air, bright sunshine or beautiful views. Plaza decks on rooftops and terraces provide practical solutions for optimizing space and building decks over sloping, difficult or uneven surfaces. Whether the style is traditional or contemporary, Westile’s expertise encompasses numerous applications including Schools and Universities, Retail and Office Buildings, Hotels and Restaurants, Government Centers, and Multi-Family or Custom homes.

WESTILE.COM
CLASSIC PLAZA SLAB

Classic Plaza Slabs are a high-density concrete suited for use as a plaza deck component providing a durable, yet elegant, roof surface. Plaza slabs are elevated on high density polypropylene pedestals, which provide uniform spacing and draining and can achieve a dead level installation if desired.

**DIMENSIONS:**
24” x 24” x 1 1/8” (nominal)

**WEIGHT:**
23 lbs. per square foot

**DIMENSIONAL TOLERANCE:**
+/- 1/8” (length, width, height, convex, concave)

**COMPRESSIVE STRENGTH:**
minimum 9,000 psi

**WATER ABSORPTION:**
less than 5%

**FLEXURAL STRENGTH:**
minimum 725 psi

**FREEZE THAW:**
less than 1% loss in weight after 40 cycles

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 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. If left unattended, cut dust can and will discolor pavers. When cleaning with high pressure water, use caution to avoid damage to slabs.

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

PEDSLAB®

The PedSlab built-in pedestal system is designed to reduce installation labor. The corner pieces allow traditional methods of shimming or leveling, and pedestal edges are relieved to reduce the chance of membrane damage. The 9-pedestal layout gives the PedSlab Pedestal System its unique system.

**DIMENSIONS:**
24” x 24” x 2 1/4” (nominal)
Pedestal height: 3/8” with 50 3⁄10” of bearing area

**WEIGHT:**
96 lbs. per slab

**COMPRESSIVE STRENGTH:**
minimum 9,000 psi

**WATER ABSORPTION:**
less than 5%

**FLEXURAL STRENGTH:**
minimum 725 psi

**FREEZE THAW:**
less than 1% loss in weight after 40 cycles

FILTER FABRIC SHEET
ROOF INSULATION
SEPARATION PROTECTION SHEET
FLEXIBLE MEMBRANE
STRUCTURAL ROOF DECK
LIMERICK PLAZA SLAB

Limerick Plaza Slabs are a high-density concrete suited for use as a plaza deck component, providing a durable, elegant roof surface. Limerick Plaza slabs are elevated on high-density polypropylene pedestals, which provide uniform spacing and draining and can achieve a dead level installation if desired.

DIMENSIONS:
23 1/2" x 23 1/2" x 2" (nominal)

WEIGHT:
24 lbs. per square foot

DIMENSIONAL TOLERANCE:
+/- 1/8" (length, width, height, convex, concave)

COMPRESSIVE STRENGTH:
minimum 8,000 psi

WATER ABSORPTION:
less than 5%

FLEXURAL STRENGTH:
minimum 725 psi

FREEZE THAW:
less than 1% loss in weight after 40 cycles

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 slabs.

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. If left unattended, cut dust can and will discolor slabs. When cleaning with high pressure water; use caution to avoid damage to slabs.

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

BALLAST PAVERS

The Ballast Rooftop Pavers are designed to prevent uplift from high winds. These high-density concrete pavers provide a consistent, evenly distributed weight from wind uplift and damage. Additionally, Ballast Pavers also protect the roof system from UV degradation, thermal shock and impact from hail or other falling objects.

DIMENSIONS:
8 1/2" x 16" x 1 1/2"

WEIGHT:
13.75 psf

DIMENSIONAL TOLERANCE:
+/- 1/8" (length, width, height, convex, concave)

COMPRESSIVE STRENGTH:
minimum 5,000 psi

WATER ABSORPTION:
less than 5%

FLEXURAL STRENGTH:
minimum 400 psi

FREEZE THAW:
less than 1% loss in weight after 40 cycles

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 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. If left unattended, cut dust can and will discolor pavers. When cleaning with high pressure water; use caution to avoid damage to pavers.

Refer to the Ballast Paver Specification for more information, which is available for download on www.westile.com.
**WOOD PLAZA PAVERS**

Wood Plaza Pavers are an untreated, low-maintenance, natural product made from either Cumaru or Ipe. Known for density and strength, both Cumaru and Ipe are durable and resistant to decay and insects. All wood is subject to weathering and erosion from sun, wind, debris and precipitation. Depending on climatic conditions, Wood Plaza Pavers will develop an aged patina and faded coloring as they age. Ends of wood tiles are sealed with wax at the factory to prevent splitting. Additional cuts made in the field should be sealed. Wax on ends can bleed into wood and be visible, but should become less noticeable over time.

<table>
<thead>
<tr>
<th>SURFACE:</th>
<th>Smooth</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIMENSIONS:</td>
<td>23 ¾” x 23 ¾” x 1.69”</td>
</tr>
<tr>
<td></td>
<td>23 ¾” x 47 ¾” x 1.69”</td>
</tr>
<tr>
<td>WEIGHT:</td>
<td>5.63 lbs per square foot</td>
</tr>
<tr>
<td>FIRE RATING:</td>
<td>Class A (ASTM E 108-07a Spread of Flame)</td>
</tr>
<tr>
<td>COLOR:</td>
<td>Brown (natural variations to be expected)</td>
</tr>
<tr>
<td>JANKA HARDNESS RATING:</td>
<td>Ipe = 3680</td>
</tr>
<tr>
<td></td>
<td>Cumaru = 3540</td>
</tr>
<tr>
<td></td>
<td>Massaranduba = 3190</td>
</tr>
</tbody>
</table>

Cleaning, Sealing, Staining:
If desired, Bison Wood Tiles can be periodically cleaned, stained and sealed. Before applying any finish, first clean and remove any residue or excess wax from the wood tile. The following manufacturers offer products specifically designed for use with tropical hardwoods: Cabots, Penofin, Messmers.

**CUBES & CUBE TOPS**

These popular powder-coated aluminum and Ipe wood cubes provide a great way to add accents to plazas. Made of 100 percent natural wood, the Ipe cubes are eco-friendly and resistant to mold, fire, weather and pests. FSC is also available for the Ipe Cubes. Each powder-coated aluminum or Ipe wood cube can be used as a stand-alone accent, as a planter, or combined for a multidimensional look. You can also add a cube top to create benches for additional seating areas (bench image on p. 17).

| Powder-Coated Aluminum Cubes COMMON DIMENSIONS: |
| 24” L x 24” W x 20” H |
| 24” L x 24” W x 36” H |
| 48” L x 24” W x 20” H |
| 48” L x 24” W x 36” H |

| MATERIAL: |
| Recycled raw material content (40% minimum) |

| Ipe Wood Cubes COMMON DIMENSIONS: |
| 24” L x 24” W x 16 ½” H |
| 48” L x 24” W x 16 ½” H |

| MATERIAL: |
| Hardwood from Brazilian rainforests |
| FSC certified available |

All Cubes and Tops are made to order. Custom sizes available. Contact your Westile representative.
Colors & Finishes

Standard (Smooth)

- 5501 | Natural
- 5502 | Red
- 5503 | Cinnamon
- 5504 | Charcoal
- 5505 | Coral
- 5506 | Ginger
- 5507 | Burgundy
- 5508 | Chamois
- 5509 | SRI White

Shot Blast

- Cinnamon
- Limestone
- Natural
- SRI White
- Chamois

Matte

- Cinnamon
- Limestone
- Natural
- SRI White
- Chamois

Wood Pavers

- Massaranduba Ribbed
- Smooth Cumaru
- Smooth Ipe

NOTICE: 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.
Mirage® Porcelain Pavers

Cube Colors

Red
Black
White
Charcoal
Silver
Bronze
<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>MATERIAL</th>
<th>PAVER THICKNESS (NOMINAL)</th>
<th>SIZE (NOMINAL)</th>
<th>APPLICATIONS</th>
<th>FINISHES</th>
<th>PIECES PER PALLET</th>
<th>SQ.FT. PER PALLET</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Pedestrian</td>
<td>ADA</td>
<td>Roof Protection</td>
<td>Manual Installation</td>
</tr>
<tr>
<td>Classic Utility Slabs</td>
<td>Concrete</td>
<td>2&quot;</td>
<td>24&quot; x 24&quot;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Classic Plaza Slabs</td>
<td>Concrete</td>
<td>2&quot;</td>
<td>24&quot; x 24&quot;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Classic Plaza Slabs</td>
<td>Concrete</td>
<td>2&quot;</td>
<td>12&quot; x 24&quot;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Classic Plaza Slabs</td>
<td>Concrete</td>
<td>2&quot;</td>
<td>24&quot; x 36&quot;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Limerick Plaza Slabs</td>
<td>Concrete</td>
<td>2&quot;</td>
<td>24&quot; x 24&quot;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Ballast Rooftop Pavers</td>
<td>Concrete</td>
<td>1.6&quot;</td>
<td>8.5&quot; x 16&quot;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Ipe Wood Plaza Pavers</td>
<td>Wood</td>
<td>1.5&quot;</td>
<td>24&quot; x 24&quot;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Ipe Wood Plaza Pavers</td>
<td>Wood</td>
<td>1.5&quot;</td>
<td>24&quot; x 48&quot;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Cumaru Wood Plaza Pavers</td>
<td>Wood</td>
<td>1.5&quot;</td>
<td>24&quot; x 24&quot;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Cumaru Wood Plaza Pavers</td>
<td>Wood</td>
<td>1.5&quot;</td>
<td>24&quot; x 48&quot;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Eco-Ipe Wood Plaza Pavers</td>
<td>Wood</td>
<td>1.5&quot;</td>
<td>24&quot; x 48&quot;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Mirage Paver</td>
<td>Porcelain</td>
<td>2 cm</td>
<td>60 cm x 60 cm</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

**Notice:** Check with your Westile Representative for product availability.
## SCREWJACK PEDESTALS & ACCESSORIES

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>PRODUCT DESCRIPTION</th>
<th>PIECES PER BOX</th>
<th>MINIMUM QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD25</td>
<td>1/4” Fixed Height</td>
<td>100</td>
<td>1 Box</td>
</tr>
<tr>
<td>HD50</td>
<td>1/2” Fixed Height</td>
<td>100</td>
<td>1 Box</td>
</tr>
<tr>
<td>HD75</td>
<td>3/4” Fixed Height</td>
<td>100</td>
<td>1 Box</td>
</tr>
<tr>
<td>B1 ScrewJack</td>
<td>1-1/4” - 2” Adjustable</td>
<td>30</td>
<td>1 Box</td>
</tr>
<tr>
<td>B2 ScrewJack</td>
<td>2” - 3” Adjustable</td>
<td>30</td>
<td>1 Box</td>
</tr>
<tr>
<td>B3 ScrewJack</td>
<td>3” - 4-3/4” Adjustable</td>
<td>30</td>
<td>1 Box</td>
</tr>
<tr>
<td>B4 ScrewJack</td>
<td>4-3/4” - 7-3/4” Adjustable</td>
<td>30</td>
<td>1 Box</td>
</tr>
<tr>
<td>C4 Couple</td>
<td>Adds 2-1/2” - 4” to B3 &amp; B4 Pedestals</td>
<td>30</td>
<td>1 Box</td>
</tr>
<tr>
<td>LD4</td>
<td>1/4” per foot slope compensator</td>
<td>30</td>
<td>1 Box</td>
</tr>
<tr>
<td>B11</td>
<td>1/16” Shim</td>
<td>50</td>
<td>1 Box</td>
</tr>
<tr>
<td>PS1</td>
<td>1/8” Shim</td>
<td>50</td>
<td>1 Box</td>
</tr>
<tr>
<td>FIB</td>
<td>Weight distribution plate</td>
<td>Each</td>
<td>1 Piece</td>
</tr>
</tbody>
</table>

**NOTICE:** Check with your Westile Representative for product availability.

## MODULAR BENCHES & CUBES

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>COMMON SIZES (CUSTOM SIZES AVAILABLE)</th>
<th>COLORS (CUSTOM COLORS AVAILABLE)</th>
<th>MINIMUM QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Powder-Coated Aluminum Cube</td>
<td>24”L x 24”H x 20”H</td>
<td>Red, Black, White, Charcoal, Silver</td>
<td>1</td>
</tr>
<tr>
<td>Powder-Coated Aluminum Cube</td>
<td>24”L x 24”H x 36”H</td>
<td>Red, Black, White, Charcoal, Silver</td>
<td>1</td>
</tr>
<tr>
<td>Powder-Coated Aluminum Cube</td>
<td>48”L x 24”H x 20”H</td>
<td>Red, Black, White, Charcoal, Silver</td>
<td>1</td>
</tr>
<tr>
<td>Powder-Coated Aluminum Cube</td>
<td>48”L x 24”H x 36”H</td>
<td>Red, Black, White, Charcoal, Silver</td>
<td>1</td>
</tr>
<tr>
<td>Ipe Cube</td>
<td>24”L x 24”H x 16.5”H</td>
<td>Brown (Natural variations to be expected)</td>
<td>1</td>
</tr>
<tr>
<td>Ipe Cube</td>
<td>48”L x 24”H x 16.5”H</td>
<td>Brown (Natural variations to be expected)</td>
<td>1</td>
</tr>
<tr>
<td>Ipe Top</td>
<td>24”L x 24”H</td>
<td>Brown (Natural variations to be expected)</td>
<td>1</td>
</tr>
<tr>
<td>Ipe Top</td>
<td>48”L x 24”H</td>
<td>Brown (Natural variations to be expected)</td>
<td>1</td>
</tr>
</tbody>
</table>

**NOTICE:** All cubes and tops are made to order.
Possibilities are endless when designing and building plaza decks using Westile ScrewJack Pedestals. The ScrewJack system’s elevation range of \( \frac{1}{8}” - 36” \) allows for building plaza decks over almost any sloping or difficult surface.

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.

**SPECIFICATIONS**
- Supports up to 1000 lbs. (FS3)
- Maximum elevation up to 36” using couplers and braces
- Impervious to water, mold & freeze-thaw
- Preassembled
- Packaged in weather-resistant boxes
- Made in the USA
- Contains 20% post-industrial recycled material
- Engagement ‘bumps’ warn of over-extension

**RESOURCES AVAILABLE ON WESTILE.COM**
- CAD Details
- Specifications
- Technical cut sheets
- Maintenance guide
- Videos: planning, installation & more
- Take-off assistance
- Samples available
- Technical assistance
- Customer Service

---

**Model B1**
Adjusts from \( 1\frac{1}{4}” - 2” \) with \( \frac{3}{16}” \) spacer tab

**Model B2**
Adjusts from \( 2” - 3” \) with \( \frac{3}{16}” \) spacer tab

**Model B3**
Adjusts from \( 3” - 4\frac{1}{2}” \) with \( \frac{3}{16}” \) spacer tab

**Model B4**
Adjusts from \( 4\frac{1}{2}” - 7\frac{1}{2}” \) with \( \frac{3}{16}” \) spacer tab

**Model C4**
Coupler adds \( 2\frac{1}{4}” - 4” \) in height to B3 & B4

---

**Model LD4**
Provides \( 0” - \frac{1}{8}” \) slope compensation

**Model B11**
Shim adds \( \frac{1}{4}” \) for fine tune adjustment

**Model PS1**
Shim adds \( \frac{1}{4}” \) for fine tune adjustment

**Model HD25**
Fixed \( \frac{1}{2}” \) height with \( \frac{3}{16}” \) spacer tab

**Model HD50**
Fixed \( \frac{1}{2}” \) height with \( \frac{3}{16}” \) spacer tab

**Model HD75**
Fixed \( \frac{1}{4}” \) height with \( \frac{3}{16}” \) spacer tab

**VT316**
Ultra Low Height \( \frac{1}{8}” \) Tab – \( 4\frac{1}{2}” \) Diameter

---

**Model B1**
Adjustable from \( 12” - 24” \)

---

**Model B2**
Adjustable from \( 24” - 36” \)
Installation Instructions

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.

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

TYPICAL PAVER/SCREWJACK INSTALLATION
Refer to the Westile Inc. ScrewJack B-240 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 outage of “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, strap tabs are easily removed. Always secure top to base flange. At corners, 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 closer fit at perimeter.

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.

The Finish Deck Surface Elevation is determined at the door threshold. The shortest ScrewJacks are used at the door threshold and the tallest ScrewJacks are at the roof drains. To obtain ScrewJack Elevation, subtract power thickness from the Finish Deck Surface Elevation.
For ScrewJack Elevations below 1 1/4 inch, use the Fixed Height Stackable Pedestals, Models FS8 and FS9, or stack BS1, 1/16" skims (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.

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 3" per foot of slope. A single LD4 connects 1/4"; stack up to four as needed.
When using two or more LD4s, rotate in relation to each other to create a phalanx of ScrewJacks and level top surface.
LD4 is not required for slopes under 1/4" per foot.
PRODUCT STANDARDS
Westile plaza pavers pass the compressive strength minimum of 8,000 psi as tested in accordance with ASTM C140, freezing and thawing resistance with a maximum 1% loss as tested in accordance with ASTM C67, and flexural strength minimum of 725 psi as tested in accordance with ASTM C293.

COLOR AND TEXTURE INFORMATION
Due to the inherent nature of concrete, variations in color and textures can and should be expected. In order to obtain optimal plaza deck appearance, it is recommended that care should be taken when installing Westile plaza pavers. Though color and swatch photography in this brochure are as close as possible to the actual plaza pavers, prior to ordering, please contact your Westile representative, and we will gladly provide you with a paver sample of the color(s) you have chosen.

GREEN BUILDING AND SUSTAINABILITY
Some Westile colors as noted on pages 10 - 11 have a standard solar reflective index (SRI) in excess of 80 which will help meet most requirements for low slope roof energy efficiency. Our white solar reflective plaza pavers provide outstanding durability while helping to reduce interior heat gain and cooling loads as well as assisting to reduce heat island effect.

EFFLORESCENCE
As moisture evaporates, it leaves salt behind which forms a deposit and can affect the appearance. These deposits can normally be brushed off or will go away with normal weathering. Since efflorescence brings out salts that are naturally occurring part of the concrete and is a temporary occurrence that impacts aesthetics only and does not impact structural integrity.

WARRANTY
A 10 year limited material warranty is offered on concrete pavers. A 3 year limited warranty is offered on wood pavers and pedestals. Please contact us for warranty information.

INSTALLATION
For more information regarding the recommended installation of Westile plaza pavers, please contact your local Westile representative.

CONTACT US
To find local local Westile representative contact us at (800) 433-8453, info@westile.com or online at westile.com.

We can provide CEU courses and Lunch & Learn presentations.