

# SPEC INFO

# Thermal and Moisture Protection Plaza Concepts



## PRODUCT

Titan Rubber Pedestal™

## MANUFACTURER

Plaza Concepts, Inc.

Local Representative:  
(914) 337 6071

## GENERAL INFORMATION

### TYPICAL USE

A critical component of the well-established, loose-laid pedestrian deck assembly, the Titan Rubber Pedestal™ is engineered to provide a durable, inexpensive, low-profile, support for elevated decks, which are most commonly masonry, such as wet-cast, high-density, pressed concrete paving slabs, engineered hardwood, wood plastic composites and grates. Also, an ideal joist pad. Made from recyclable SBR rubber, the lightweight, malleable, stackable and reusable Titan Rubber Pedestal™ can ensure noise reduction, improved drainage, and precise and consistent joint spacing, as well as reduce injuries commonly associated with cracked, setting beds and displaced slabs. Flexible rubber pedestals and spacers can accommodate the subtle freeze-thaw expansion which most often occurs with concrete slabs, while at the same time protecting the materials below as valuable cushioning takes place. Innovative channels facilitate a masonry to masonry bond with appropriate adhesives. With a well-respected, long-term performance record, rubber pedestals, as well as loose laid systems in general, also facilitate inspections and access to conduits below and enables membrane leak repairs at a much lower cost, as are maintenance costs in general. Attractive recreational areas can easily be created on plazas, patios and roofs at a relatively low cost and low weight as compared with typical setting bed applications.

### SUBSTRATES / LEVELING

Typical substrates include slip sheets, geotech fabric, protection board, high-density; drainage mat, extruded polystyrene, or prefabricated stands such as the Hercules Pedestal Support. Height adjustments can be achieved by utilizing these or other appropriate products, or by stacking the pedestals. We invite you to discuss options with our Tech Department. Titan Tapered Rubber Pads help compensate for sloped decks. Fine adjustments are made with slip-resistant, textured Titan Rubber Pedestal Shims.

### LIMITATIONS

Consideration should be given to the physical pressures, including wind, that will affect the installation. Like all structures, pedestrian decks are dynamic and may necessitate consultation with technical experts during design. Workmanship will also prove critical to long-term performance. Consult experts or Plaza Concepts about wind issues, parapet wall and building heights. Read more about wind at [www.plazaconcepts.com](http://www.plazaconcepts.com) see technical info. **Warning-** Popular 2 cm porcelain tiles can blow off or shatter, and like many new products, have little data on testing and long-term performance track record.



Ipe Decking on Titan on Hercules

### PHYSICAL PROPERTIES (nominal)

Product	Thickness	Diagonal	Spacer
Pedestal	1/4"	5-1/2"	1/8"

Composition: SBR Rubber  
Shore Hardness 80 (approx.)

### INSTALLATION CONSIDERATIONS

**IMPORTANT** wind issues should be discussed with our Technical Department or experts such as roof consultants and engineers. Installation should also be in accordance with the most recent instructions of the decking, insulation and membrane suppliers, and in compliance with typical industry standards, such as those of the NRCA, SPRI and RCI as well as applicable building code requirements. Instruments such as: transits, chalk lines, water and laser levels can help establish reference points. It is also wise to consider supporting the middle of large items. The spacer of a 1/2 or 1/4 pedestal can also protect a base flashing from an abrasive cut edge. There are benefits and drawbacks to the various methods of setting pavers and other types of masonry on pedestals. The Plaza Concepts Technical Department will assist you with design options

### INSTALLATION INSTRUCTIONS

**Install as per the most recent instructions of the project designer, local codes and in accordance with the instructions of the overburden products and the membrane or assembly system supplier. Stack, shim, and cut into halves or quarters as needed and to facilitate a transition for decking products that vary in thickness. When needed, lock Titan Ipe pins through the Titan and into the corresponding holes on the underside of Ipe decking. When using adhesives, follow the manufacturer's instructions and ensure a masonry to masonry bond by creating a "u" of adhesive running through the Titan's underside drainage channel, the Ipe pin hole and adjacent slit. A slip sheet may help. Titans make ideal pads for joists which should be laid diagonally.**

### TECHNICAL ASSISTANCE

Contact Plaza Concepts

### WARRANTY PROGRAM

Contact Plaza Concepts

### AVAILABILITY AND COST

Contact Plaza Concepts or our local representative