



PRODUCT

Atlas 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 Atlas Rubber Pedestal System™ is engineered to provide a durable, inexpensive, low-profile, support for elevated slabs, which are most commonly masonry, such as wet-cast, high-density, pressed concrete pavers. Made from recyclable SBR rubber, the lightweight, malleable, stackable and reusable Atlas Rubber Pedestal System™ 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 pavers, while at the same time protecting the materials below as valuable cushioning takes place. 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 enable membrane leak repairs at a much lower cost as are maintenance costs in general. Attractive raised recreational areas can easily be created on plazas, patios, roofs and sidewalks at a relatively low cost and low weight as compared with typical setting bed applications.

SUBSTRATES / LEVELING

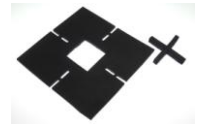
Typical substrates include slip sheets, geotech fabric, protection board, high-strength drainage mat, approved extruded polystyrene or prefabricated supports such as the Hercules Adjustable Pedestal. Height adjustments can be achieved by utilizing these or other appropriate products, or by stacking the pedestals. We invite you to discuss options with our Tech Department. Atlas Tapered Rubber Pads help compensate for sloped decks. Fine adjustments are made with slip-resistant, textured Atlas 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. Expect settling. Consult experts or Plaza Concepts about wind issues, parapet wall and building heights. Read more about pavers and wind at www.plazaconcepts.com/technote508

PHYSICAL PROPERTIES (nominal)

Product	Length/Width	Thickness	Diagonal	Spacer
Pedestal	5-1/2"	5-1/2"	3/8"	7-1/2" 1/8"
Shim	5-1/2"	5-1/2"	1/16"	7-1/2"
Tapered Pad	5-1/2"	5-1/2"	1/8" - 6/32"	
Tapered Pad	5-1/2"	5-1/2"	1/8" - 12/32"	
3/16" Spacer	2-1/2"	2-1/2"	3/8"	
1/4" Spacer	2-1/2"	2-1/2"	3/8"	
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 paver, 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 a large paver. The spacer of a 1/2 or 1/4 pedestal can also protect a base flashing from an abrasive paver edge. This data sheet is for informational purposes only. Fitness for a particular purpose is the responsibility of the designer. The Plaza Concepts Tech Dept. will assist you with specs and options.

TECHNICAL ASSISTANCE

Contact Plaza Concepts

WARRANTY PROGRAM

Contact Plaza Concepts

AVAILABILITY AND COST

Contact Plaza Concepts or our local representative