



Apollo Plastic Pedestal

MANUFACTURER

Plaza Concepts, Inc.

REPRESENTATIVE

914 337 6071

GENERAL INFORMATION

TYPICAL USE

A critical component of the well-established, loose-laid pedestrian deck assembly, the Apollo Plastic Pedestal System™ is engineered to provide a durable, inexpensive, support for elevated slabs, which are most commonly, masonry such as wet cast, high density, pressed concrete paving slabs. Made from recyclable high-density polypropylene, the lightweight, stackable and reusable Apollo Plastic Pedestal System™ can ensure improved drainage, precise and consistent joint spacing, as well as reduce injuries commonly associated with cracked setting beds and displaced slabs. With a well-respected, long-term performance record, loose-laid systems facilitate inspection, access to conduits below and membrane leak repairs at a much lower cost as are maintenance costs in general. Attractive recreational areas can easily be created on plazas, patios, roofs and sidewalks at a relatively low cost and low weight, as compared with setting bed applications.

SUBSTRATES / LEVELING

The typical substrate is an Atlas rubber pedestal, shims, metal or protection board. Below this may be a 9"x 9" piece of the waterproof membrane, proper and high strength drainage mat, geo-tech fabric, approved extruded polystyrene, concrete blocks or prefabricated supports (by others).¹ Height adjustments can be achieved by utilizing these or other appropriate products, or by stacking the pedestals. Expect minor settling. We invite you to discuss options with our Tech Department. Fine adjustments can be made with Apollo shims.™

LIMITATIONS

Consideration should be given to the physical pressures, including wind that will affect the installation. Pedestrian decks are dynamic and may require consultation with technical experts during design. Workmanship will also prove critical to long term performance. Consult the manufacturers products that the Apollo rests on for their protection instructions. Consult Plaza Concepts about issues relating to wind, parapet wall heights building heights, live and dead loads. Read more about wind at www.plazaconcepts.com/technote508. Call PCI about porcelain.



3 Apollos in a stack

PHYSICAL PROPERTIES (nominal)

<u>Model</u>	<u>Diameter</u>	<u>Height</u>	<u>Spacer Width</u>
Apollo	7"	5/8"	1/8"
Shims	6-1/2"	1/8"	NA
(Rubber)	6-1/2"	1/16"	NA

Composition: High-Density Polypropylene
Low-Temp. Brittleness (ASTM D 748) -96 F
Softening Temperature. (ASTM D 1525) 260 F

INSTALLATION CONSIDERATIONS

IMPORTANT wind issues should be discussed with our Tech Department or such experts 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 like those of the NRCA, SPRI, 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 pavers. The spacer of a 1/2 or 1/4 pedestal can also protect a base flashing from an abrasive paver 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 can assist you with design options.

TECHNICAL ASSISTANCE

Contact Plaza Concepts

WARRANTY PROGRAM

Contact Plaza Concepts

AVAILABILITY AND COST

Contact Plaza Concepts or our local representative