



# PHP-D

## SPECIFICATION & TECHNICAL INFORMATION SHEET



### DESCRIPTION:

The PHP-D, is designed to support ducting, cable tray and piping at any specified height or width. The support is designed for installation without roof penetrations, flashings, or damage to the roofing material. The support can be used for virtually any roofing system from flat roofs to roofs sloped up to 2 in 12. The supports should be spaced according to the specifications. Seismic and High-Wind applications are available for the system.

### INSTALLATION PROCEDURE:

- 1 | Layout isolation pads, (provided by contractor), according to the design and layout.
- 2 | Place bases on isolation pads.
- 3 | Insert the legs of the duct support into bases and attach with 2-1/2" bolt and 1/2" nut).
- 4 | Space out pipe supports according to specifications. This should be done before any weight is supported.
- 5 | **IF BRACING IS REQUIRED**, attach horizontal bracing to legs of pipe supports, (approximately 3/4 of the way up the height of the support), with 3" bolts and 1/2" nut.  
NOTE: If double or triple bracing is required, designated locations will be marked on support legs.
- 6 | Adjust width up to bottom of ducting.
- 7 | Make sure supports are level, vertically and horizontally, and proper spacing is maintained per design specifications.
- 8 | Check that the weight of the duct is distributed evenly throughout the system.

### STORAGE:

Store in the original, unopened containers, under cover, until needed for installation.

### LEED INFORMATION:

Frame/Steel  
Post Consumer Recycled Content: 0%  
Post Industrial Recycled Content: 25%

### BASE MATERIAL:

Post Consumer Recycled Content: 80%  
Post Industrial Recycled Content: 20%  
Manufacturing Location: Houston, TX

### PRODUCT DATA:

#### Property:

#### Base:

Size:

Base Weight:

Base Material:

Base Color:

Base Density:

#### Minimum Performance:

18" x 18" x 3" or 18" round

7 lbs and 10-1/2 lbs

Injection molded high

density/high impact

polypropylene with

UV-inhibitors and Antioxidants

Black

55.8 lb/cu ft (894 kg/cu m)

#### Carbon Steel and 304 Stainless Steel Framing:

Channel Types:

1-5/8" (41.3 mm) or 1-7/8"

Form:

(47.6 mm) as required by loading

Roll-formed 3-sided tubular

shape, perforated with 9/16"

(14.3 mm) holes at 1-7/8" (47.6

mm) centers on three sides

Thickness:

12 gauge (2.7 mm)

Carbon Steel Finish:

Hot dip galvanized per ASTM A 123

Stainless Steel Finish:

Mill Finish

#### Hardware:

Nuts and Washers:

Hot Dip Galvanized  
or 304 Stainless Steel