



PSE CUSTOM

SPECIFICATION & TECHNICAL INFORMATION SHEET



DESCRIPTION:

The PSE Custom is designed to support multiple pipes at any specified height or width. The support is designed for installation without roof penetrations, flashings, or damage to the roofing material. The supports can be used on virtually any roofing system from flat roofs to sloped roofs 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** | Separate material per designated.
- 2** | Layout isolation pads, (provided by contractor), according to the design and layout.
- 3** | Place bases on isolation pads.
- 4** | Insert legs of pipe support into bases and attach with 2-1/2" bolt and 1/2" nut.
- 5** | Space out pipe supports according to specifications. This should be done before any pipe is supported.
- 6** | **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.
- 7** | Remove bottom half of clevis hanger.
- 8** | Insert insulation protection shield between the bottom half of the hanger and insulated pipe.
- 9** | Reattach the bottom half of hanger to the top half of the hanger.
- 10** | Adjust height of hanger so the hanger is supporting pipe. Adjust height of hanger by turning nut at top of all-thread; clockwise to raise, counter-clockwise to lower.
NOTE: Over adjusting will cause excess weight on support.
- 11** | Repeat step 9 on each support in the system; making sure pipe and supports are level, both vertically and horizontally, and proper spacing is maintained per design specifications.
- 12** | Check that weight of pipe 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:	Minimum Performance:
Base:	
Size:	18" x 18" x 3", 18" round
Base Weight:	7 lbs and 10-1/2 lbs
Base Material:	Injection molded high density/high impact polypropylene with UV-inhibitors and Antioxidants
Base Color:	Black
Base Density:	55.8 lb/cu ft (894 kg/cu m)

Rod Type:	
Diameter:	1/2" and 5/8"
Length:	As required
Finish:	Hot Dip Galvanized or 304 Stainless Steel

Hanger Type:	
Finish:	Clevis, Roller or Band Hot Dip Galvanized

Carbon Steel and 304 Stainless Steel Framing:	
Channel Types:	1-5/8" (41.3 mm) or 1-7/8" (47.6 mm) as required by loading
Form:	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, Bolts and Washers:	Hot Dip Galvanized or 304 Stainless Steel