

SPECIFICATION & TECHNICAL INFORMATION SHEET



PHP Item Number: Cable Tray Support System

DESCRIPTION:

The **Cable Tray** is designed to support electrical cable runs, 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 2in 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 legs of cable tray frame support with 2-1/2" bolt and 1/2" nut.
4. Space out cable tray supports according to specifications. This should be done before any weight is supported.
5. *Attach horizontal bracing to legs of supports, (approximately 3/4" of the way up the height of the support) with 3" bolt 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 frame.
7. Make sure cable tray supports are level, vertically and horizontally, and proper spacing is maintained per design specifications.
8. Check that the weight of the cable is distributed evenly throughout the system.

*Only if bracing is required.

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:



PHP Cable Tray Support

PRODUCT DATA:

Property:

Base:

Size:

Weight:

Base Material:

Base Color:

Base Density:

Minimum Performance:

12" x 12" x 3", 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 Stainless Steel Framing:

Channel Types:

1-5/8" or 1-7/8" as required by loading

Form:

Roll-formed 3-sided tubular shape, perforated with 9/16" holes at 1-7/8" 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 Stainless Steel

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