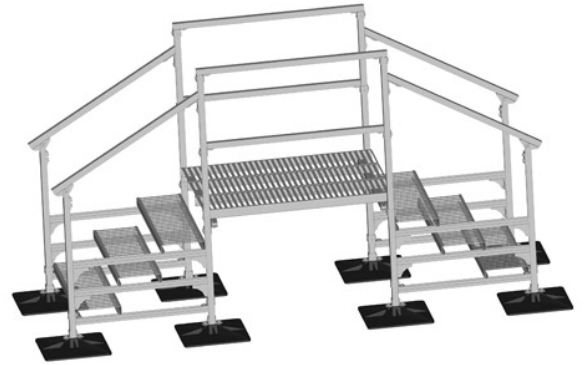




CROSSOVER

SPECIFICATION & TECHNICAL INFORMATION SHEET



DESCRIPTION:

The PHP Crossover is designed to attain access to all areas on the roof that may be obstructed by piping, ducting or equipment. It is specifically designed to be installed directly on the roof without penetrations, flashings or damage to the roofing material.

INSTALLATION PROCEDURE:

- 1** | Layout isolation pads (provided by contractor) according to footprint of crossover.
- 2** | Place bases on top of isolation pads.
- 3** | Place each set of stairs in bases according to diagram.
- 4** | Place planking for crossover landing on 1-3/4" B-B channel of each set of stairs.
- 5** | Attach planking to 1-3/4" B-B channel with hold-down clip
- 6** | Set intermediate handrails on intermediate brackets and attach with 1" bolt and 1/2" spring nut.
- 7** | Set top handrail on top brackets and attach with 1" bolt and 1/2" spring nut.
- 8** | Tighten all nuts, bolts and hold-downs.

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:	
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)

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

Surface:

Type:	Walkway Planking 18-ga. steel
Section Width X Height:	12" x 2.5"
Flange Options:	FM and MM
Surface Condition:	MG-traction grip
Carbon Steel Finish:	Hot dip galvanized per ASTM A 123
Type:	Bar grating type WB-4, Carbon Steel Section Width as required
Bar Grating Height:	1"
Surface Condition:	Serrated
Carbon Steel Finish:	Hot dip galvanized per ASTM A 123