



TFS MEF PA3 (PVC)

CONDUIT SERVICE ENTRANCE FLASHING



Description & Use

- Provide a weather tight solution for flexible wires and cables for low slope roofing.
- Can be incorporated in all low slope roofing systems.
- Engineered flashing alternative for wires and conduits.



Features & Benefits

- Heavy Duty one piece spun aluminum base flashing designed to allow for a superior seal of low slope commercial roofing membranes.
- Provides a stable and convenient electrical service outlet for low slope commercial roofing applications.

Technical Data

Base

Metal:	Aluminum
Material gauge:	2.0mm (.080")
Height:	30.5cm (12") Model No. MEFPA312 45.7cm (18") Model No. MEFPA318
Pipe Diameter:	76mm I.D. (3")
Flange Diameter:	329mm (13")

Entrance CAP

Polymer:	Rigid PVC
Color:	Grey



INSULATION (Optional) but recommended to prevent condensation and heat loss.

INSTALLATION

Note; Ensure ALL Electrical wires are disconnected and SHUT OFF POWER SOURCE before proceeding.

Wire and cable holes through the roof deck should be located at or near roof joists.

- 1. Cut hole in structural roof deck to permit passage of wires at the location(s) shown on the shop drawings.**
- 2. Install wood blocking around the hole in the roof deck to support the wire post outlet. Secure wood blocking to the structural roof deck with appropriate fasteners.**
- 3. Install Roofing system as per manufacturer's written instruction over the holes in the roof deck.**
- 4. Mark Location of hole(s) on roofing membrane.**
- 5. Puncture a hole in the roof system just enough to allow wires to feed through. Ensure the holes are as minimal as possible to permit wires to pass through the roof membrane through to the Electrical Conduit Service outlet base. (Removal of PVC cap may help accessing the wires please re secure cap with existing screws provided)**
- 6. Seal the wires to the roofing membrane with an appropriate sealant. Re insulate around the conduit opening where required with fiberglass batt insulation.**
- 7. Apply an approved roof membrane manufacturer's compatible adhesive to the base of the flange. Center base flashing over the**



hole and secure base flashing to the wood blocking using appropriate fasteners. Fasteners should be positioned 25mm (1") in from the outside edge of the base flashing. Fasten the perimeter of the base flashing 15cm (6") on center.

8. Apply roof membrane flashing in accordance with membrane manufactures written instructions.

SPECIFICATION

TFS MEFPA3 PVC Conduit Service Entrance Flashing shall be extended and secured through the roof deck. Incorporated into the roof membrane system with the approved manufactures membrane flashing material. The Conduit Service entrance flashing consists of a .080 spun aluminum seamless base and a rigid PVC cap. The PVC Conduit Service Entrance Flashing shall be installed by the roofing contractor in strict accordance with True flow Systems PVC conduit Service Entrance Flashings installation instructions. All other Electrical work shall be completed by a Licensed Electrical Contractor.

APPROVALS

Entrance Cap

CSA/UL Approved

NEC 347

CEC Part 1 Rules 12-1100-12-1122

