

FLASH-TITE

WIRE OUTLET POST

DESCRIPTION & USE

- Provide a weather-tite solution for extending flexible wires and cables through low slope roof decks.
- Can be easily and securely flashed to any traditional or modern commercial roofing system.
- Pre-fabricated, engineered alternatives to jobsite flashing of wires and conduits.

FEATURES & BENEFITS

Wide Flashing Flange - For effective watertight sealing to all commercial roof systems.

Heavy Gauge Metal Base - Formed from a single piece seamless heavy gauge aluminum for long-term durability.

Balanced Design - Unlike traditional 'gooseneck' designs, the Post Flashing centers more of the weight directly over the base, preventing stress in the roofing membrane caused by the unit leaning too far to one side.

Electricity where it's Needed - Permits convenient electrical service anywhere on the roof.

Factory Insulated - To resist condensation and heat loss. Polyethylene foam insulation resists damage from high temperatures associated with roof membrane torching.

TECHNICAL DATA

Base	
Metal:	Aluminum
Metal Gauge:	2.0 mm (0.080")
Height:	
Standard:	300 mm (12")
High:	450 mm (18")
Pipe Diameter:	51 mm I.D. (2")
Flange Width:	100 mm (4.0")

Cap Fitting	
Polymer:	Rigid PVC
Securement to Base:	S. S. Rivets

Wall Insulation	
Polymer:	Polyethylene rubber foam
Thickness:	13 mm (0.5")
R-Value:	2.2 (4.5 / in.)



Models & Options	
Base Height	Model No.
300 mm (12")	WOP212
460 mm (18")	WOP218

All models come in a standard 51 mm (2") I.D. nominal pipe diameter with a PVC cap that can accommodate up to six 19 mm (¾") diameter wires. Other pipe sizes and specialty conduit outlets are available. Base flanges are available in a standard height of 300 mm (12") and 450 mm (18") for inverted roof applications.

APPROVALS & COMPLIANCES

All cap fittings are UL listed and CSA certified for wet locations.

INSTALLATION

Note: Wire & cable holes through the deck should be located at or near roof joists.

Work by Roofing Contractor

1. Cut hole in structural deck to permit passage of wires at the location(s) shown in the shop drawings. Install vapour retarder and insulation, extending both over the hole in the deck (mark on the insulation where the hole is).
2. Install wood blocks around the hole in the deck to support the WIRE OUTLET POST. Wood blocks are to be level with the roof insulation. Leave insulation intact over the hole(s). Ensure that the wood blocks are well secured to the structural deck with appropriate fasteners.



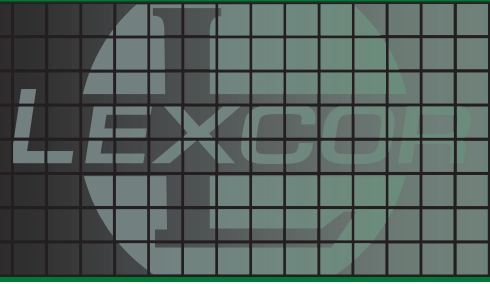
COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada 1.800.268.2889 / Quebec & Atlantic 1.800.363.2307

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FLASH-TITE WIRE OUTLET POST



3. Install roofing membrane, extending same over the hole(s). Mark location of holes on roofing membrane.
4. ENSURE ALL ELECTRICAL WIRES ARE DISCONNECTED OR SHUT-OFF FROM POWER SOURCE BEFORE PROCEEDING.
5. Puncture the vapour retarder, insulation and roof membrane wide enough only to feed the wires through. Ensure as tight a fit as possible. Feed the wires through the roof membrane and up into the WIRE OUTLET POST base (note: if helpful, the plastic cap fitting may be removed from the base to facilitate easier passage. Be sure to secure the top to the base with the screws when replacing it).
6. Seal the wires to the roofing membrane with an appropriate sealant. If the conduit hole is insufficiently insulated, insert loose batt insulation into the WIRE OUTLET POST flange around the wires.
7. Apply a membrane compatible adhesive or sealant to the base of the flange and position it on the membrane, centered over the hole. Fasten the base through the roof membrane to the wood blocks using appropriate fasteners (e.g.: LEXGRIP insulation fasteners). Fasteners should be positioned 25 mm (1") in from the outside edge of the flange, on 150 mm (6") centers around the perimeter.
8. Apply roof membrane flashing in accordance with the membrane manufacturer's directions and good roofing practice.

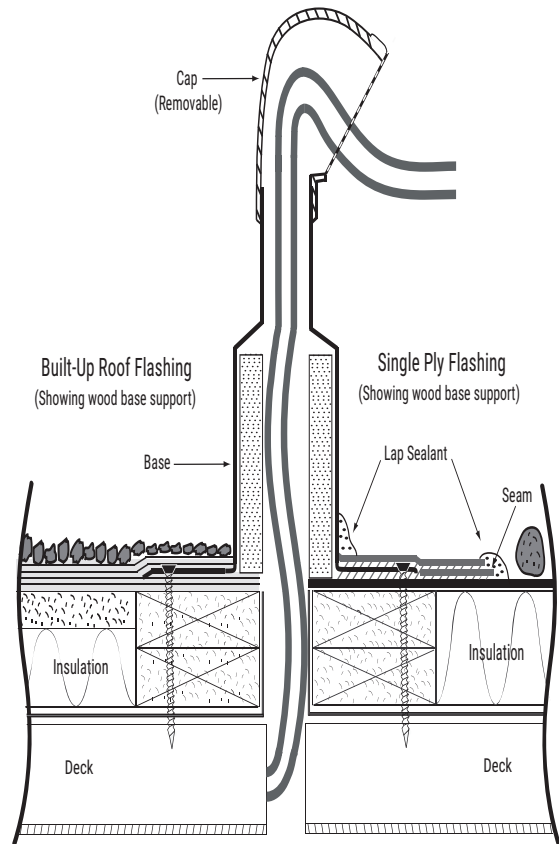
Remaining Work shall be done by the Electrical Contractor.

SPECIFICATION

Spec Note: Conduit holes through the deck should be located at or near roof joists.

WIRE/CABLE FLASHING: Wire(s) shall be extended through the roof deck and flashed to the roof membrane with FLASH-TITE WIRE OUTLET POST, product no. _____, as manufactured by LEXCOR.

The WIRE OUTLET POST shall consist of rigid PVC cap, riveted to a 300 mm high, 2.0 mm (0.080") seamless spun aluminum base and insulated with polyethylene foam rubber with a minimum R-value of 2.2. Post Flashing shall be installed by the roofing contractor in strict accordance with FLASH-TITE WIRE OUTLET POST installation instructions. All other electrical and cable work shall be completed by the electrical contractor.



WARRANTY

This product's lifetime warranty ensures it remains free from manufacturing defects and will perform its intended function throughout the entire lifespan of the roofing system.



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