



# FLASH-TITE ELECTRICAL OUTLET/ SWITCH POSTS

## DESCRIPTION & USE

Flash-Tite Electrical Outlet/Switch Posts conveniently provide electricity on the roof top, where needed. They are ideal for temporary lighting, security or maintenance operations, and compatible with single ply, built-up or modified bitumen roofing membranes.

## FEATURES & BENEFITS

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

**Heavy Gauge Metal Base** - Post flashing bases are formed from a single piece seamless heavy gauge aluminum for long-term durability.

**Convenient Electricity** - Electrical service, where it is needed, on the roof.

**Factory Insulated** - To resist condensation and minimize the thermal break.



## TECHNICAL DATA

STANDARD WITH ALL ELECTRICAL OUTLET/ SWITCH POSTS	
Flashing Material	Aluminum
Flashing Material Gauge	2.0 mm (.080")
Flashing Insulation Material	Polyethylene rubber foam
Insulation Material Thickness	13 mm (0.5")
Insulation R-Value	2.2 (4.5 /in)

## MODELS AND OPTIONS

### How to build your Electrical Outlet/Switch Post

#### Step 1: Select a height

Height Options
305 mm (12")
457 mm (18")
762 mm (30") - comes with a steel structural support system.

#### Step 2: Select an Outlet Box

Outlet box Options (choice of box will determine the type of while-in-use cover to be used):

Single Gang FS - 3/4"	
Box Material	# of Cable Entries
PVC	1 (3/4" diameter-shallow)

Single Gang FSS - 3/4"	
Box Material	# of Cable Entries
PVC	2 (each entry is 3/4" in diameter-shallow)

Double Gang FS - 3/4"	
Box Material	# of Cable Entries
PVC	1 (3/4" diameter-shallow)

Double Gang FSS - 3/4"	
Box Material	# of Cable Entries
PVC	2 (each entry is 3/4" in diameter-shallow)

#### While-In-Use-Cover Types

**Note:** Each cover type comes with adapter plates for various devices (outlet or switch).

Single Gang Cover	
Material	Polycarbonate
Construction	Non-Metallic
Colour	Clear
Mounting Method	Multi-directional
Cubic Capacity	72.77 cu. in.

lexcor.net

## COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada  
1.800.268.2889



Quebec & Atlantic Canada  
1.800.363.2307

# FLASH-TITE

## ELECTRICAL OUTLET/ SWITCH POSTS



Double Gang Cover	
Material	Polycarbonate
Construction	Non-Metallic
Colour	Clear
Mounting Method	Multi-directional
Cubic Capacity	161.97 cu. in.

### APPROVALS & COMPLIANCES

CSA C22.2 NO. 18.2, 85/UL 514C

### INSTALLATION

**Note:** All electrical work should be done by a certified electrical technician. ENSURE ALL ELECTRICAL POWER SOURCES ARE DISCONNECTED OR SHUT-OFF BEFORE PROCEEDING WITH INSTALLATION.

#### WORK BY ROOFING CONTRACTOR

- Cut hole in structural deck to permit passage of electrical conduit.
- For 30" unit only:  
The 30" unit's steel structural support must be fastened to the deck using appropriate fasteners to support the Electrical Outlet/Switch Post flashing (wood blocks are not required).  
For 12" and 18" units:  
Install wood blocking to match the outside diameter of the flashing's base flange, around the protrusion hole in the deck, to support the Electrical Outlet/Switch Post flashing. Wood blocks are to be level with the roof insulation. Leave insulation intact over the hole. Ensure that the wood blocks are well secured to the structural deck with appropriate fasteners.
- Install roofing membrane, extending over the protrusion hole. Mark location of hole on roofing membrane.
- Puncture the vapour retarder, insulation and roof membrane wide enough only to feed the connecting conduit through. Ensure as tight a fit possible.
- Electrical work to be done by others as per good electrical practice and standards. Note that plastic face plate is removable for easier access (to be done by others, not the roofing contractor).
- If the protrusion hole is insufficiently insulated, insert loose batt insulation into the electrical post flange around the connecting conduit.
- Apply sealant to the base of the post flange and position it on the membrane, centred over the protrusion hole. Fasten the base through the roof membrane to the wood blocks (12" and 18" units only) using appropriate fasteners (e.g.: Lexgrip insulation

fasteners). Fasteners should be positioned 25 mm (1") in from the outside edge of the flange, on 15 cm (6") centres around the perimeter.

- Apply roof membrane flashing in accordance with the membrane manufacturer's directions and good roofing practice.

### SPECIFICATION

**Spec Note:** Protrusion holes through the deck should be located at or near roof joints.

Electrical Outlet/Switch Post Flashing: PVC conduit(s) shall be extended through the roof deck and flashed to the roof membrane with the Electrical Outlet/Switch Post. Post flashing shall consist of 2.0 mm (0.080") seamless spun aluminum base, a 19 mm (3/4") diameter PVC Conduit, [single gang; double gang] PVC outlet box and polycarbonate while-in-use cover. Post flashing shall be installed by the roofing contractor in strict accordance with Flash-Tite Electrical Outlet/Switch Post flashing installation instructions. All other electrical work shall be completed by the electrical contractor.

ACCEPTED PRODUCT: Lexcor Flash-Tite™ Electrical Outlet/Switch Post by Lexsuo Corporation ([www.lexsucorporation.com](http://www.lexsucorporation.com), Tel:800.268.2889, E-Mail: [info@lexsucocorp.com](mailto:info@lexsucocorp.com)).

### WARRANTY

This product is warranted against manufacturing defects for a period of 10 years.