

FLASH-TITE**ELECTRICAL SWITCH POST****DESCRIPTION & USE**

FLASH-TITE ELECTRICAL SWITCH POST 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.

NOTE**As per the Canadian Electrical Code Rule 2-316:**

Where heating, ventilating, air-conditioning, and similar equipment is installed on a rooftop other than at a dwelling unit, at least one receptacle shall be;

- a) provided for the maintenance of this equipment;
- b) installed in accordance with Rule 26-710.

Rule 26-710

- e) states that the receptacle be located not less than 750 mm (29.5") above the finished roof.

FEATURES & BENEFITS

Adjustable Height - can adjust the height of the unit, if needed, by gently pulling up or pushing down on the PVC conduit.

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 MODELS**

51 mm diameter x 305 mm high
(2" diameter x 12" high)

51 mm diameter x 457 mm high
(2" diameter x 18" high)

51 mm diameter x 762 mm high
(2" diameter x 30" high)
- comes with a steel structural support system

**STANDARD WITH ALL ELECTRICAL SWITCH POST**

Flashing Material:	Aluminum
Flashing Material Gauge:	2.0 mm (.080")
Flange Diameter:	305 mm (12")
Flange Flashing Capability:	Up to 102 mm (4") from edge
Flashing Insulation Material:	Polyethylene rubber foam
Insulation Material Thickness:	13 mm (0.5")
Insulation R-Value:	2.2 (4.5 /in)
PVC Single Gang Outlet Box:	1 cable entry [19 mm (3/4") diameter-shallow]
Polycarbonate Single Gang Cover:	Clear, non-metallic, multidirectional, 72.77 cu. in.

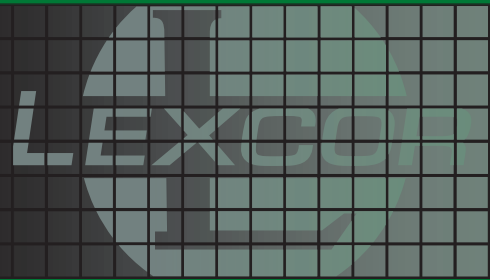
OPTIONS

Double gang switch boxes and covers are available by special request.

**COMMERCIAL BUILDING PRODUCTS**

Ontario & Western Canada 1.800.268.2889 / Quebec & Atlantic 1.800.363.2307

Distr. By/Par Lexsuco 2010 Corporation, 3275 Orlando Drive, Mississauga, ON, L4V 1C5

FLASH-TITE**ELECTRICAL SWITCH POST****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

1. Cut hole in structural deck to permit passage of electrical conduit.

2. For 30" unit only:

The 30" unit's steel structural support must be fastened to the deck using appropriate fasteners to support the ELECTRICAL 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 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.

3. Install roofing membrane, extending over the protrusion hole. Mark location of hole on roofing membrane.

4. Puncture the vapour retarder, insulation and roof membrane wide enough only to feed the connecting conduit through. Ensure as tight a fit possible.

5. 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).

6. If the protrusion hole is insufficiently insulated, insert loose batt insulation into the electrical post flange around the connecting conduit.

7. 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.

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

SPECIFICATION

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

ELECTRICAL SWITCH POST Flashing: PVC conduit(s) shall be extended through the roof deck and flashed to the roof membrane with the ELECTRICAL SWITCH 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 SWITCH POST flashing installation instructions. All other electrical work shall be completed by the electrical contractor.

ACCEPTED PRODUCT: LEXCOR FLASH-TITE SWITCH POST by Lexsuco Corporation (www.lexsucocorporation.com, Tel: 800.268.2889, E-Mail: info@lexsucocorp.com).

WARRANTY

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

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