

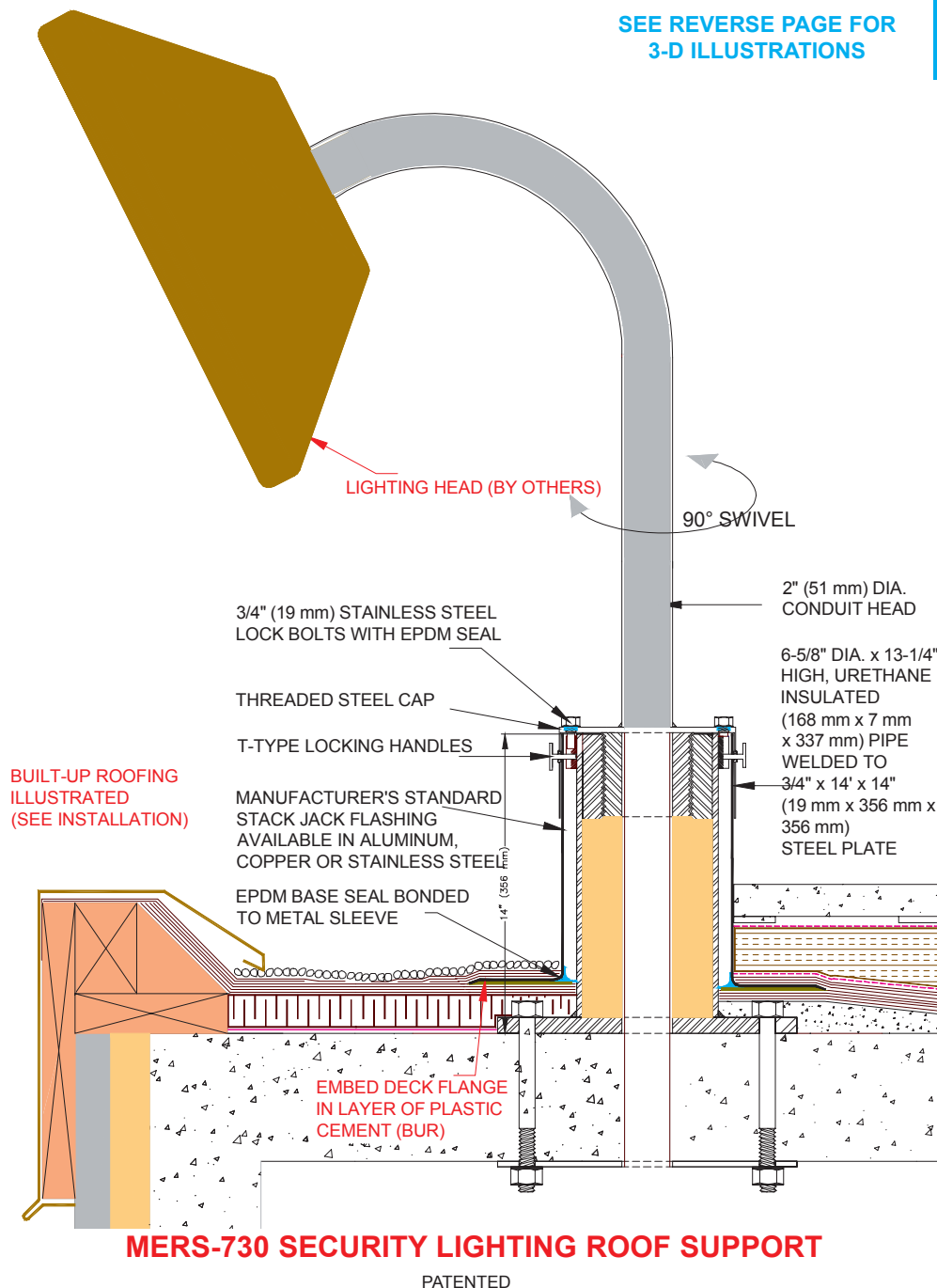
ROOF SPECIALTIES

MERS-730

SECURITY LIGHTING

ROOF SUPPORT

SEE REVERSE PAGE FOR
3-D ILLUSTRATIONS



DESCRIPTION

Thaler MERS-730 Security Lighting Roof Support consists of a urethane insulated, epoxy primed, hollow steel support and mounting plate, mounting hardware (adhesive type supplied by others), (galvanized optional) threaded steel cap with a conduit radius head and T-type locking handles. The centre of the support is provided with a 2" (51 mm) diameter hole to accommodate an electrical conduit (lighting head and conduit by others). A urethane insulated flashing, available in aluminum, copper, or stainless steel, with EPDM Base Seal, completes the assembly.

Prominent Features: Condensation free. Maintenance free (never needs caulking).

Options: PVC coated flashing deck flange for PVC roof membrane. Bituminous painted flashing deck flange for BUR and ModBit roof membrane.

RECOMMENDED USE

Suitable for all flat roofs as a security lighting roof support.

WARRANTY 20 year warranty against **leaks, condensation and defects** in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Copy of Warranty Certificate available upon request.

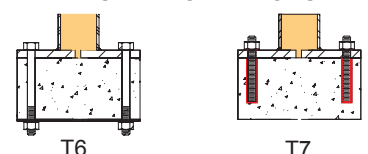
MAINTENANCE

No maintenance required (maintenance free).

SPECIFICATION (Short Form)

Security lighting roof supports: Thaler MERS-730 epoxy coated, urethane insulated hollow steel support including appropriate mounting hardware (adhesive type supplied by others) for fastening to structural roof deck; (galvanized optional) threaded steel cap with 2" (51 mm) dia. conduit head; weather proof 3/4" (19 mm) lock-bolts with EPDM seals to prevent counter-rotation of cap/conduit head; and manufacturer's standard urethane insulated [.064" (1.6 mm) mill finish 1100-OT alloy aluminum] [.032" (0.831 mm) 24 oz. copper] [.031" (0.79 mm) 22 ga. type 304 stainless steel] flashing with EPDM Base Seal and [PVC coated deck flange] [bituminous painted deck flange]; manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against leaks, condensation and defects in materials and/or manufacture.

FASTENING METHODS



Specify the fastening method required by adding the appropriate suffix to a model number e.g. MERS-730-T6

INSTALLATION

"Installation Instructions" are provided with every Thaler product. Essentially, the Thaler MERS-730 Roof Support is installed by fastening the mounting plate to the structural roof deck with the conduit head facing in the proper direction placing the flashing sleeve over the support and roof membrane (after removing the conduit head), re-installing the steel cap/conduit head, and as follows:

BUR: Set flashing deck flange in layer of plastic cement and flash in with 3 overlapping layers of felt flashing.

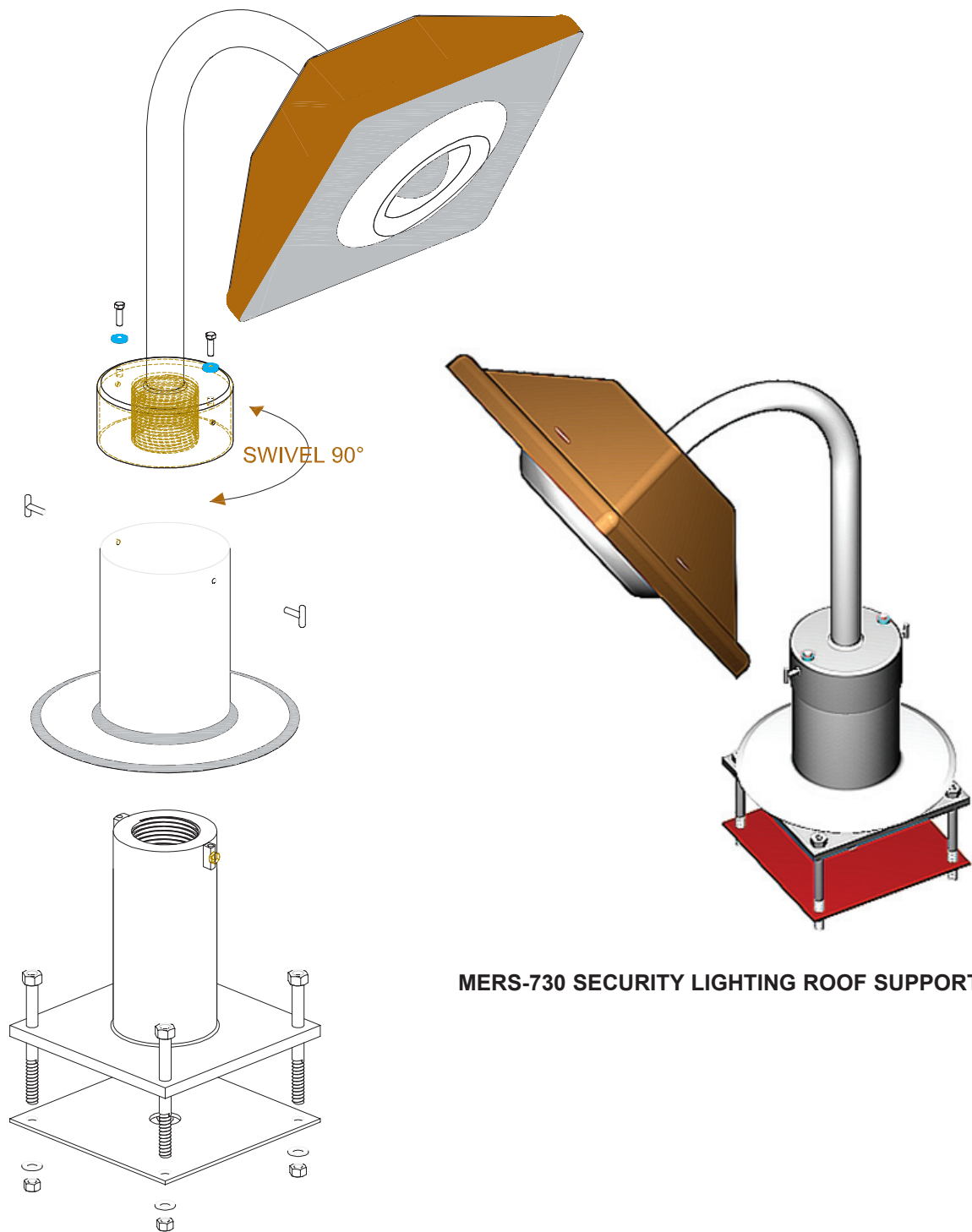
ModBit: Torch membrane until bitumen is fluid and set flashing deck flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

Single Ply: Set flashing deck flange in layer of membrane adhesive and extend single ply up sleeve to top of metal flashing, and then screw cap down over single ply. Note: for PVC membrane, specify PVC coated flashing aluminum, etc. deck flange by adding suffix P to the end of model number, e.g. MERS-730-A-P; weld roofing to deck flange using PVC torch.

Precautions: Apply an asphaltic or other type protective coating to *aluminum* flashing to a height of 2" (51 mm) above a limestone ballast to avoid corrosive reaction. Also, if coating deck flange with bituminous paint on site, allow 24 hours for drying before applying roof membrane.

Lighting and Support Components: Thread upper portion of support (with cap and conduit head) onto lower support leg, tighten T-type locking handles, mechanically attach lighting head (by others) and secure cap with stopper bolts.

Ordering and Availability: Specify flashing material required by adding appropriate suffix to model number e.g. MERS-730-A, for aluminum, etc. Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.



MERS-730 SECURITY LIGHTING ROOF SUPPORT

**EXPLODED VIEW OF MERS-730 SECURITY
LIGHTING ROOF SUPPORT**