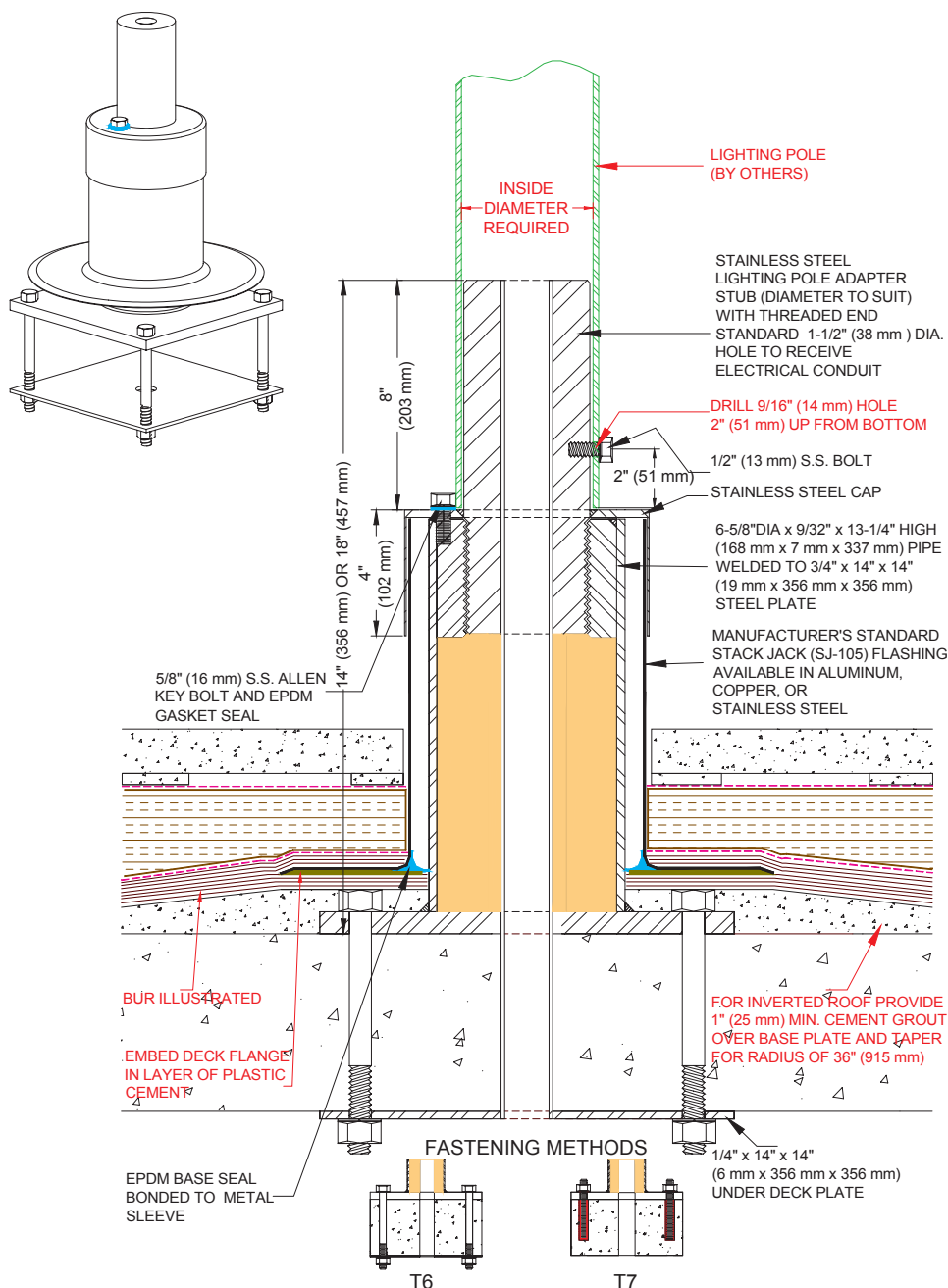


MERS-700 TERRACE LIGHTING ROOF SUPPORT



Specify the fastening method required by adding the appropriate suffix to a model number e.g. MERS-700-T6

MERS-700 TERRACE LIGHTING ROOF SUPPORT PATENTED

INSTALLATION

"Installation Instructions" are provided with every Thaler product. Essentially, the Thaler MERS-700 Roof Support is installed by fastening the mounting plate to the structural roof deck, placing the flashing sleeve over the support and roof membrane, installing the steel cap/lighting pole adapter stub, 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 then screw cap down over single ply. Note: for PVC membrane, specify PVC coated aluminum, etc. flashing deck flange by adding suffix P to the end of model number, e.g. MERS-700-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.

Light Support Components: Thread upper portion of support (with lighting pole adapter stub) onto lower support leg, mechanically attach lighting pole and light (by others) and secure lighting pole with set screw.

Ordering and Availability: Specify flashing material required by adding appropriate suffix to model number e.g. MERS-700-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.

DESCRIPTION

Thaler MERS-700 Terrace Lighting Roof Support consists of urethane insulated, epoxy primed, hollow steel support and mounting plate, mounting hardware (adhesive type supplied by others), galvanized threaded steel cap with round (diameter to suit) stainless steel lighting pole adapter stub. The centre of the support is provided with a 1-1/2" (38 mm) hole to accommodate an electrical conduit (lighting pole and conduit by others). 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 terrace 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.

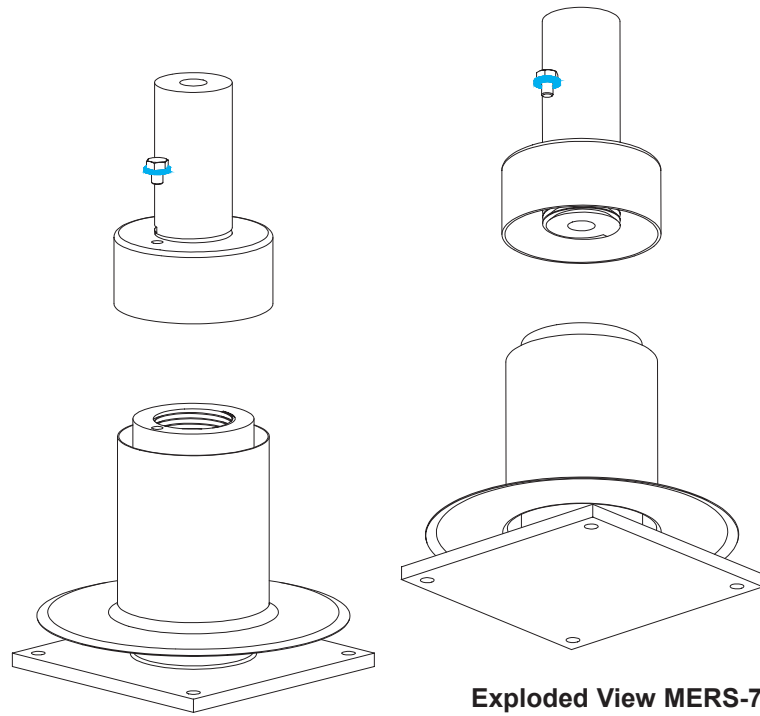
MAINTENANCE

No maintenance required (maintenance free).

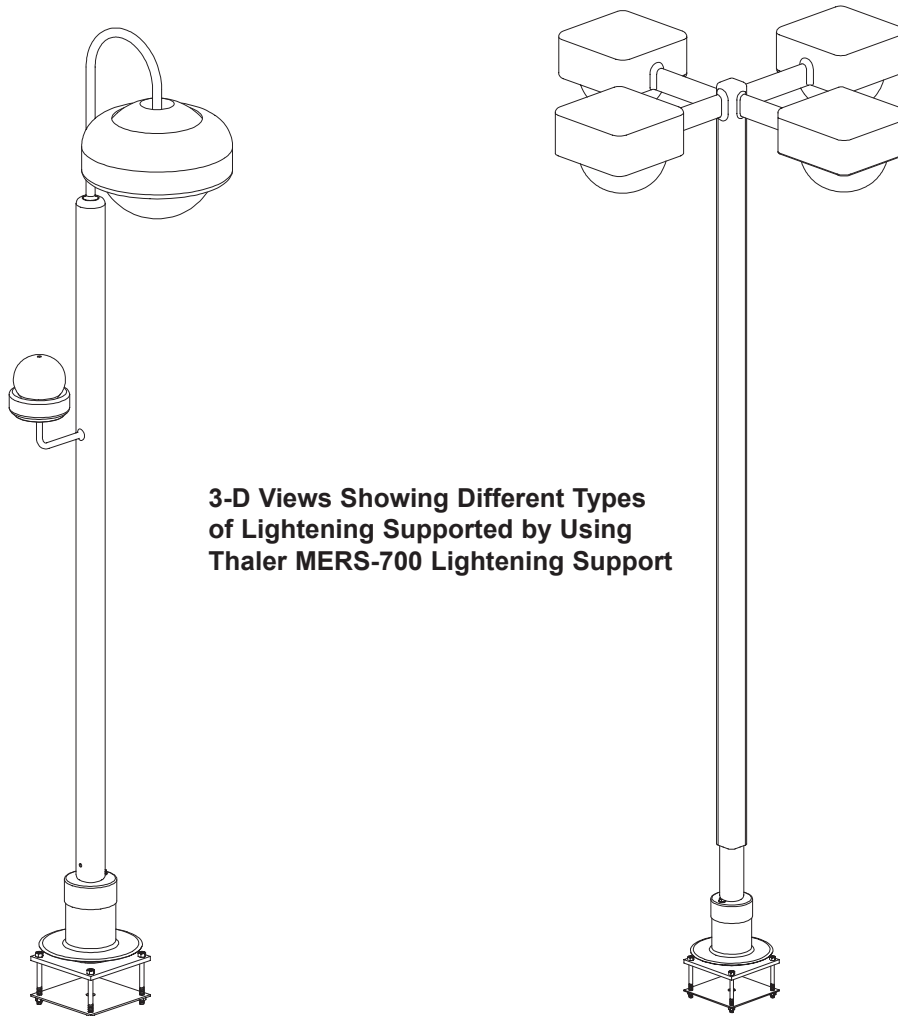
SPECIFICATION (Short Form)

Terrace lighting roof supports: Thaler MERS-700, [14" (356 mm) high] [18" (457 mm) high] epoxy coated, urethane insulated hollow steel support including appropriate hardware (supplied by others) for fastening to structural roof deck; galvanized threaded cap with [] dia. s.s. lighting pole adapter stub; weatherproof 5/8" (16 mm) lock-bolt with EPDM seal to prevent counter-rotation of support and lighting pole (by others); 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.

See Reverse Page
for 3-D Illustrations



**Exploded View MERS-700
Terrace Lightning Support**



**3-D Views Showing Different Types
of Lightning Supported by Using
Thaler MERS-700 Lightning Support**