

ROOF SPECIALTIES MERS-740 MISCELLANEOUS LIGHTING ROOF SUPPORT

DESCRIPTION

Thaler MERS-740 Miscellaneous Lighting Roof Support consists of a urethane insulated, epoxy primed, hollow steel support and mounting plate, mounting hardware (adhesive type supplied by others), adjustable height (galvanized optional) steel cap and epoxy primed steel plate designed to receive a lighting fixture (by others). An 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). Threaded leg assembly provides up to 2" (51 mm) vertical adjustment for levelling if necessary.

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 support for any one of a number of miscellaneous rooftop lighting fixtures.

WARRANTY

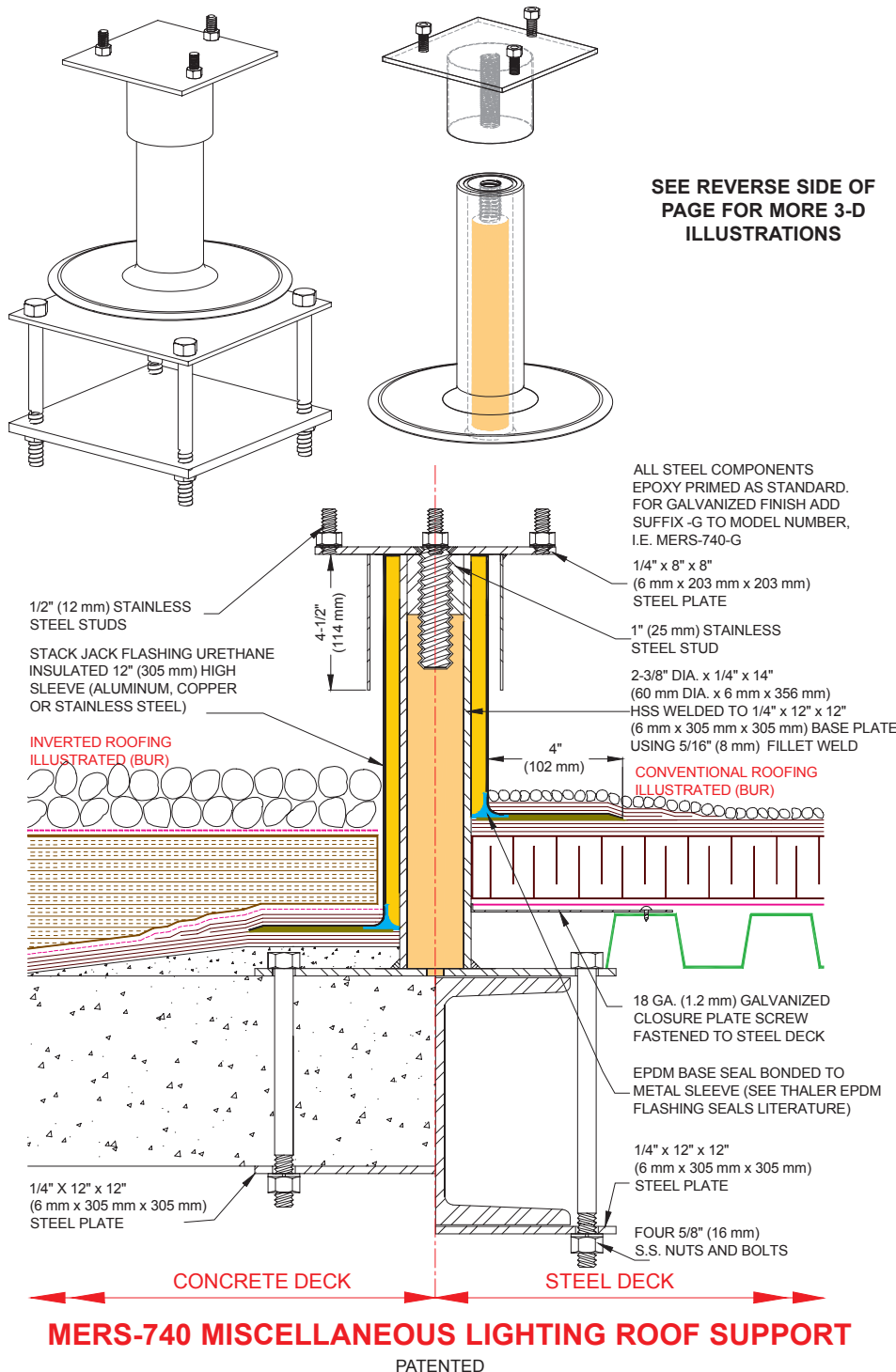
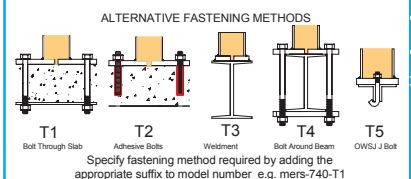
20 year warranty against **leaks, condensation and defects** in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Copy of Warranty Certificate available upon request.

MAINTENANCE

No maintenance required (maintenance free).

SPECIFICATION (Short Form)

Lighting roof supports: Thaler MERS-740 adjustable height, epoxy coated, urethane insulated hollow steel supports, including appropriate hardware for fastening to structural roof deck, cap/plate assembly with three s.s. studs located to suit light fixture (by others), set screw to lock cap in place; 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.



INSTALLATION

"Installation Instructions" are provided with every Thaler product. Essentially, the Thaler MERS-740 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/plate support, and as follows:

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

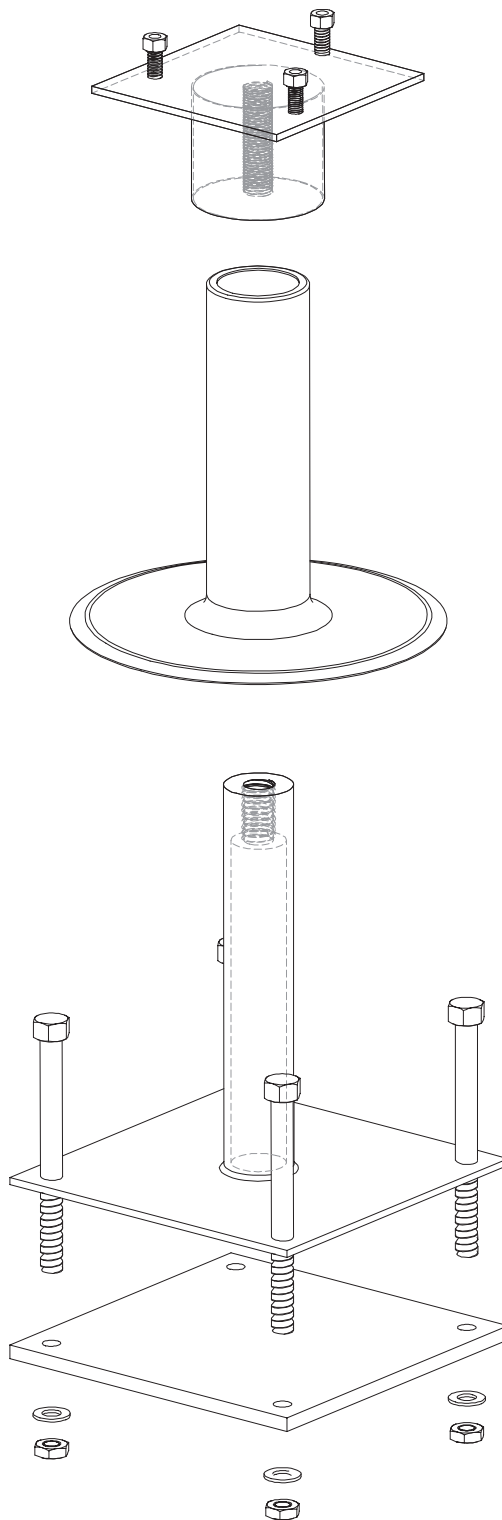
ModBit: Torch membrane until bitumen is fluid and set flashing deck flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer. Do not overheat (melt) EPDM Base Seal.

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 aluminum, etc. flashing deck flange by adding suffix P to the end of model number, e.g. MERS-740-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 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.

Plate/Lighting Components: Thread upper portion of support (with plate) onto lower support leg and secure lighting bracket, frame, box, etc. (by others) to plate as desired using the stainless steel studs and bolts provided.

Ordering and Availability: Specify flashing material required by adding appropriate suffix to model number e.g. MERS-740-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.



**Exploded View MERS-740 Miscellaneous
Lightening Roof Support**