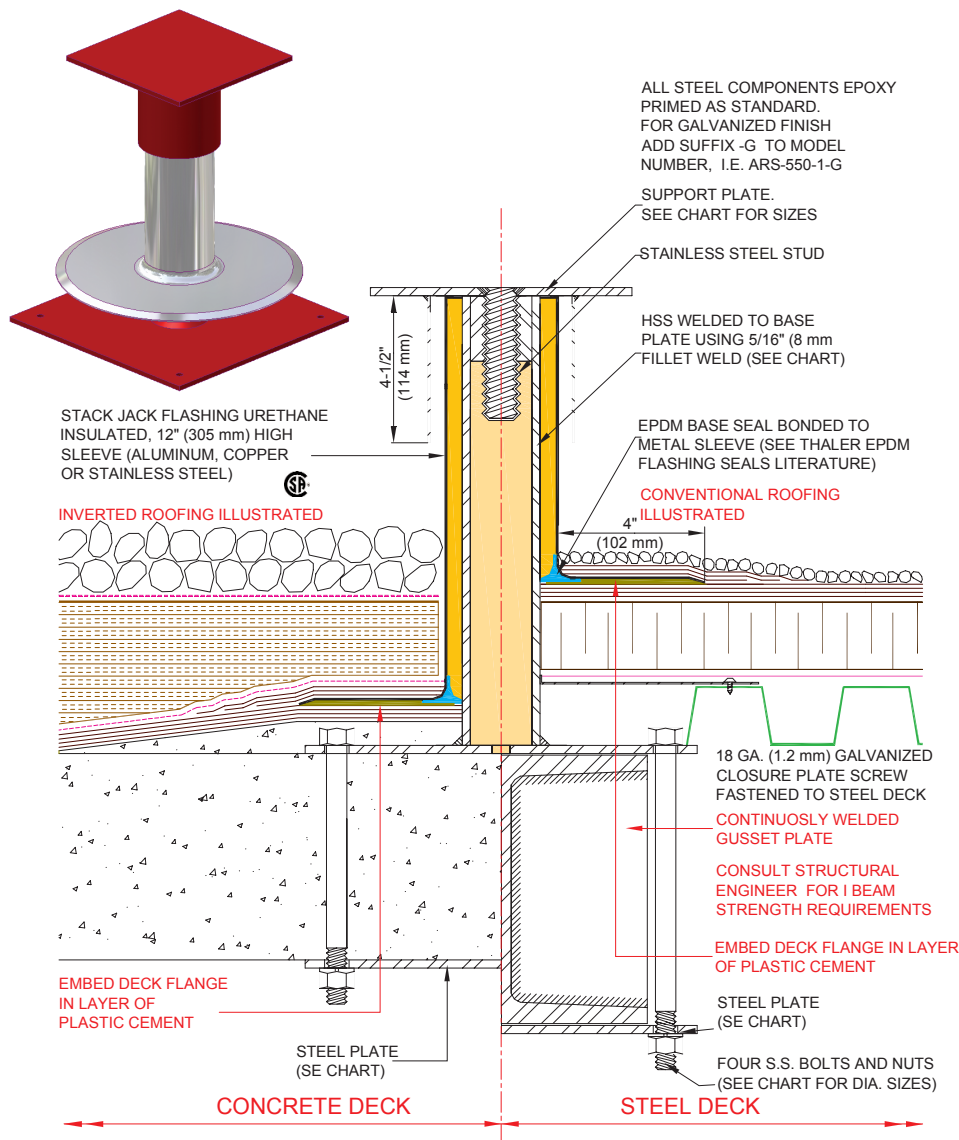


MODEL NUMBER	HSS SUPPORT PIPE			THREAD Ø	BASE PLATE		SUPPORT PLATE	FASTENING BOLT Ø
	Height	Outside Ø	Thickness		Bolt Securement	Weld Securement		
ARS-550	14" (356 mm)	2-3/8" (60 mm)	1/4" (6 mm)	1" (25 mm)	1/4" X 12" X 12" (6 mm x 305 mm x 305 mm)	3/8" X 4 "X 4 " (10 mm x102 mm x 102 mm)	1/4" X 8" X 8" (6 mm x 203 mm x203 mm)	1/4" (6 mm)
ARS-550-1	14" (356 mm)	3-1/2" (89 mm)	1/4" (6 mm)	2" (51 mm)	3/8" X 12" X 12" (10 mm x 305 mm x 305 mm)	1/2" X 6" X 6 " (13 mm x152 mm x 152 mm)	1/2" X 12" X 12" (12 mm x305 mmx 305 mm)	3/8" (10 mm)
ARS-550-2	14" (356 mm)	4-1/2" (114 mm)	1/4" (6 mm)	2" (51 mm)	3/4" X 12" X 12" (19 mm x 305 mm x 305 mm)	5/8" X 8" X 8 " (16 mm x 203 mm x 203 mm)	3/4" X 12" X 12" (19 mm x 305 mm x 305 mm)	5/8" (16 mm)

FOR SUPPORTS OTHER THAN STANDARD 14" (356 mm) HEIGHT, ADD SUFFIX "NS" TO MODEL NUMBER I.E. ARS-550-2/NS



ARS-550, 550-1, 550-2 MISCELLANEOUS ROOF SUPPORT
PATENTED

INSTALLATION

"Installation instructions" are provided with every Thaler product. Essentially, the Thaler ARS-550 selection of supports are 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 end of model number e.g. ARS-550-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 a bituminous paint on site, allow 24 hours for drying before applying roof membrane.

Plate/Equipment Components: Thread upper portion of support (with plate) onto lower support leg and secure equipment to plate as desired (by others).

Ordering and Availability: Specify flashing material required by adding appropriate suffix to model number e.g. ARS-550-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.

ARS-550/550-1/550-2 MISCELLANEOUS PLATE ROOF SUPPORTS

DESCRIPTION

Thaler ARS-550 Miscellaneous Plate Roof Support consists of a urethane insulated, epoxy primed, hollow steel support and mounting plate, mounting hardware (adhesive fasteners supplied by others), adjustable height (galvanized optional) steel cap and epoxy primed steel plate designed to receive any one of a number of miscellaneous rooftop items (by others). A urethane insulated flashing, available in aluminum, copper, or stainless steel, with EPDM Base Seal, completes the assembly. Three models are available to suit different structural and/or size requirements.

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 heavy rooftop equipment e.g.: chiller, A/C unit or similar applications.

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.

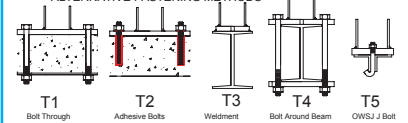
MAINTENANCE

No maintenance required (maintenance free).

SPECIFICATION (Short Form)

[Chiller] roof supports: Thaler [ARS-550] [ARS-550-1] [ARS-550-2] adjustable height, epoxy coated, urethane insulated hollow steel supports including appropriate hardware (adhesive fasteners supplied by others) for fastening to structural roof deck, and cap / plate assembly designed for affixing equipment or items (by others) shown on drawings; 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.

ALTERNATIVE FASTENING METHODS



Specify the fastening method required by adding the appropriate suffix to a model number e.g. ARS-550 (T1)T4