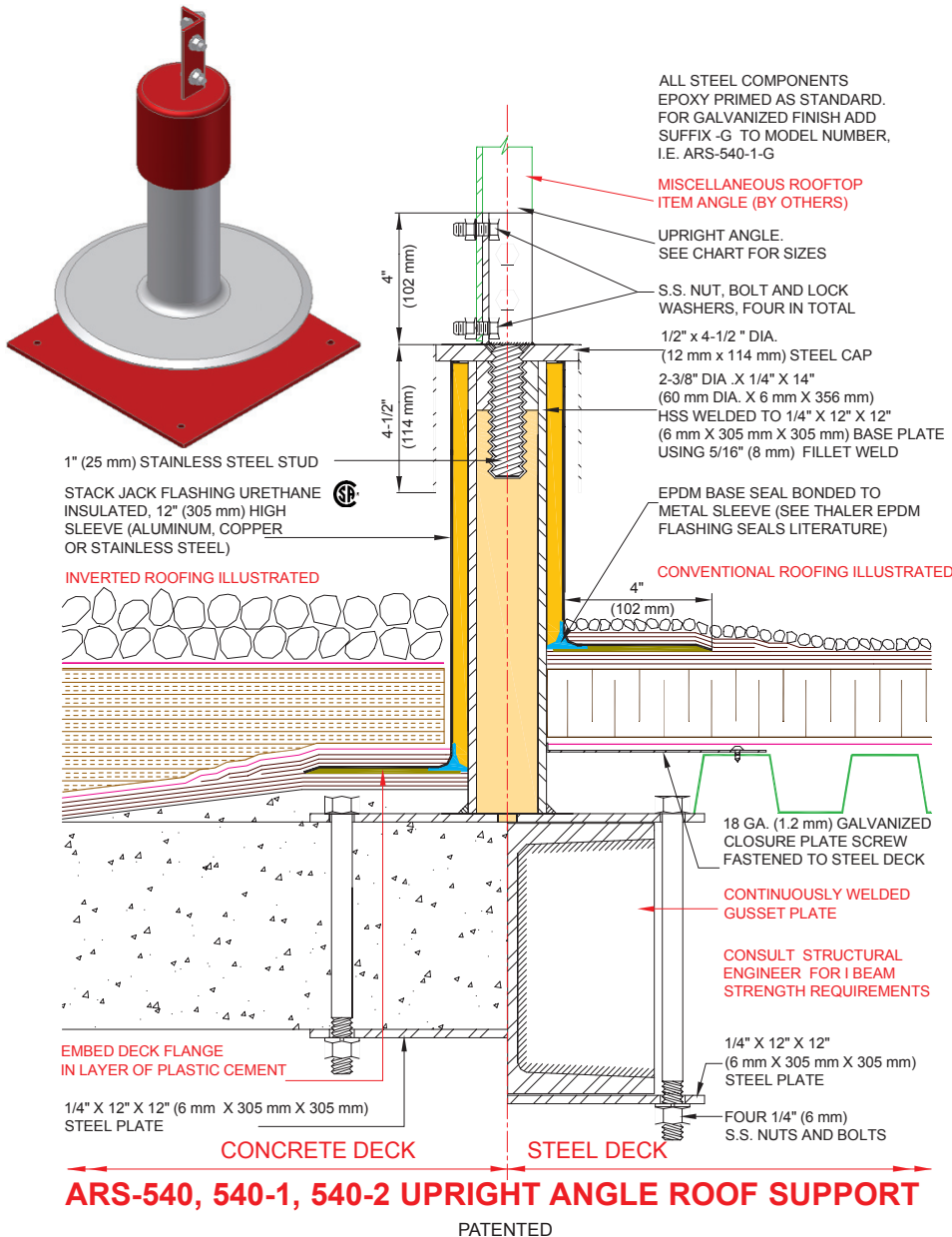


MODEL NUMBER	HSS SUPPORT PIPE			THREAD Ø	BASE PLATE		ANGLE DIMENSIONS	FASTENING BOLT Ø
	Height	Outside Ø	Thickness		Bolt Securement	Weld Securement		
ARS-540	14" (356 mm)	2-3/8" (60 mm)	1/4" (6 mm)	1" (25 mm)	1/4" X 12" X 12" (6 mm x 305 mm x 305 mm)	3/8" X 4" X 4" (10 mm x 102 mm x 102 mm)	3/16" x 1-1/2" x 1-1/2" (5 mm x 38 mm x 38 mm)	1/4" (6 mm)
ARS-540-1	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 x 152 mm x 152 mm)	1/4" x 2" x 2" (6 mm x 51 mm x 51 mm)	3/8" (10 mm)
ARS-540-2	14" (356 mm)	4-1/2" (114 mm)	1/4" (6 mm)	2" (51 mm)	5/8" X 12" X 12" (16 mm x 305 mm x 305 mm)	5/8" X 8" X 8" (16 mm x 203 mm x 203 mm)	3/8" x 4" x 4" (10 mm x 102 mm x 102 mm)	5/8" (16 mm)

FOR SUPPORTS OTHER THAN STANDARD 14" (356 mm) HEIGHT, ADD SUFFIX "NS" TO MODEL NUMBER I.E. ARS-540-2NS



INSTALLATION

"Installation instructions" are provided with every Thaler product. Essentially, the Thaler ARS-540 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/connector angle 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 model number e.g. ARS-540-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.

Angle/Equipment Components: Thread upper portion of support (with angle connector) onto lower support leg, mechanically attach steel cross rails or other devices (by others) as desired using 1/2" (12 mm) stainless steel bolts provided.

Ordering and Availability: Specify flashing material required by adding appropriate suffix to model number e.g. ARS-540-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.

ROOF SPECIALTIES

ARS-540/540-1/540-2 UPRIGHT ANGLE ROOF SUPPORTS

DESCRIPTION

The Thaler selection of ARS-540 Upright Angle Roof Supports consist of a urethane insulated, epoxy primed, hollow steel support and mounting plate, mounting hardware (adhesive fasteners supplied by others), adjustable height steel cap and steel connector angle 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 leveling 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 roof support for platforms, pipes and duct supports, and any one of a host of miscellaneous rooftop items.

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)

[Platform] roof supports: Thaler [ARS-540] [ARS-540-1] [ARS-540-2] 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/angle connector 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.

