

ROOF SPECIALTIES

ARS-200 & ARS-210 TRELLIS & BRACE ROOF SUPPORTS

DESCRIPTION

Thaler ARS-200 and ARS-210 Trellis Roof Supports consists of a urethane insulated, epoxy primed, hollow steel support and mounting plate, adjustable height galvanized (optional) steel cap and trellis post socket designed to receive a square, wooden 4" x 4" (102 mm x 102 mm) trellis post (by others). A urethane insulated flashing, available in aluminum, copper, or stainless steel, with EPDM Base Seal, completes the assembly. Note: Unless the trellis has some type of cross support spanning across the top from one trellis to another trellis e. g. arbor or pergola design, an ARS-210 Trellis Brace Roof Support will be required to buttress the trellis at post locations. Post / brace centres in both trellis and buttress direction to be determined by trellis designer.

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. ARS-210 Trellis Brace sockets can be supplied/fabricated to any desired angle. Unless specified otherwise, 45° angle will be provided.

RECOMMENDED USE

Suitable for all flat roofs as a trellis, lattice, arbor, pergola, or screen fence support.

WARRANTY

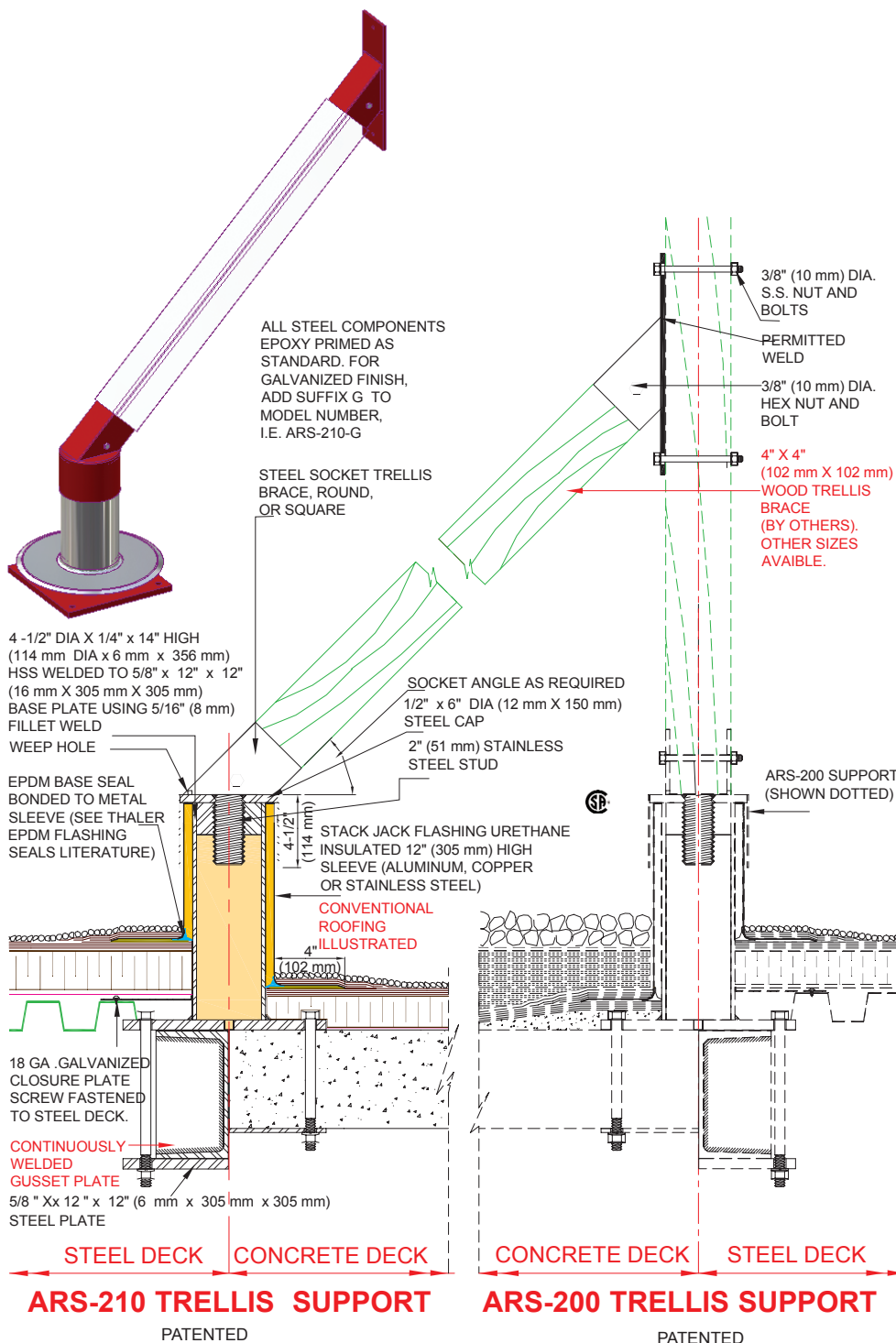
20 year warranty against **leaks, condensation and defects** in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Copy of Warranty Certificate available upon request

MAINTENANCE

No maintenance required (maintenance free).

SPECIFICATION (Short Form)

Trellis post roof supports: Thaler ARS-200 standard 14" (356 mm) high [and ARS-210] adjustable height, epoxy coated, urethane insulated hollow steel support, including appropriate fastening to structural roof deck (adhesive type by others), and galvanized (optional) steel cap and post socket (galvanized to CSA G164-M1992) and designed for affixing 4" x 4" (102 mm x 102 mm) wood trellis posts (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 and EPDM Base Seal [and] [PVC coated deck flange] [bituminous painted deck flange]; manufactured by Thaler Metal Industries, 1-800-387-72 (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 defect in materials and/or manufacture.



INSTALLATION

"Installation instructions" are provided with every Thaler product. Essentially, the Thaler ARS-200 or ARS-210 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 / post 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-200-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.

Post Socket and Post Components: Thread upper portion of support (with socket) onto lower support leg, mechanically attach posts, brace sockets (if specified), and finally trellis work.

Ordering: Specify flashing material required by adding appropriate suffix to model number e.g. ARS-200-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.