

ARS-102A FIRE ROUTE WALKWAY ROOF SUPPORT PATENTED

INSTALLATION

4" x 4" x 3/8"

x 10 mm)

PLATE

ALUMINUM

OWSJ

(102 mm x 102 mm

EMBED DECK

STAINLESS

STEEL DECK

FLANGE IN LAYER

TWO 1/2" (12 mm)

STEEL "J" BOLTS

OF PLASTIC CEMENT

"Installation instructions" are provided with every Thaler product. Essentially, the Thaler ARS-102A Roof Support is installed at maximum 8'-0" (2440 mm) centers parallel to the walkway and by fastening the aluminum mounting plate to the structural roof deck, placing the STACK JACK Flashing over the support and roof membrane, 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 Pty. Set flashing deck flange in layer of membrane adhesive and extend single ply up sleeve to highest elevation possible and clamp membrane to STACK JACK Flashing. Note: for PVC membrane, specify PVC coated aluminum, etc. STACK JACK by adding suffix P to end of model number e.g. ARS-102A-A-P; weld roofing to deck flange using PVC torch.

Precautions: Apply an asphaltic or other type protective coating to aluminum STACK JACK Flashing to a height of 2" (51mm) 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.

Walkway/Rall Components: Thread hollow aluminum upper support onto lower support leg, mechanically attach walkway surface(by others)

Ordering: Indicate distance required from top of walkway support beam to roof. Specify flashing material required by adding appropriate suffix to model number e.g. ARS-102A-A for aluminum, etc. Available throughout North America Contact Thaler for list of distributors and current cost information. Most products are available from stock,

ROOF SPECIALTIES

ARS-102A FIRE ROUTE WALKWAY ROOF SUPPORT

DESCRIPTION

Thaler ARS-102A Fire Route Walkway Roof Support consists of a round, hollow section mill finish aluminum support and mounting plate, 2" (51mm) x 9 gauge chain link fence (optional) fastened (by others) up to 42"(1066 mm) high, 1-1/2' (38 mm) diameter mill finish 6061-T6 alloy aluminum pipe rail and STACK JACK flashing which is available in aluminum, copper or stainless steel. Paving slab walk surface is by others. Prominent Features: Maintenance free (EPDM flashing seals never need caulking. See Thaler EPDM Flashing Seals literature). Options: Urethane insulated support leg, Higher railings. Access gates (with manufacturer's standard hardware) from anywhere on walkway to main roof area. Can be combined with Thaler ARS-510 and ARS-520 Metal Stair Support.

RECOMMENDED USE

Suitable for all flat roofs to indicate safe escape route, or access for maintenance, etc.

APPROVALS

Thaler flashing employing EPDM Triple Pressure Grommet Seal is CSA Approved to CSA B272-93 (Prefabricated Self-Sealing Roof Vent Flashings). Railings conform to safety height and strength requirements.

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 reauest

MAINTENANCE

MODIFIED BITUMEN

CAULKING

(203 mm x 203 mm x 10mm)

ALUMINUM BASE PLATE

ADHESIVE BOLT

CONCRETE DECK

FASTENERS

(BY OTHERS)

No maintenance required (maintenance free).

SPECIFICATION (Short Form)

Fire route walkway support: Thaler ARS-102A mill finish 1-1/2" (38 mm) dia. aluminum supports, [urethane insulated]; with standard 42" (1066mm) high 1-1/2" (38 mm) dia. mill finish Schedule 40 6061-T6 alloy aluminum pipe rail; access gates with manufacturer's standard hardware; hot dipped galvanized chain link fence, 2" (51mm) x 9 ga.; [SJ-34, 7" (178 mm) high New-Standard STACK JACK flashing (Uninsulated)] [SJ-37 Insulated] consisting of [.064" (1.6 mm) mill finish 1100-0T alloy aluminum] [.032" (0.831 mm) 24 oz. copper] [.031" (0.79 mm) 22 ga. Type 304 stainless steel], 2" (51 mm) dia., to CSA B272-93; with EPDM Triple Pressure Grommet Seal and 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.

