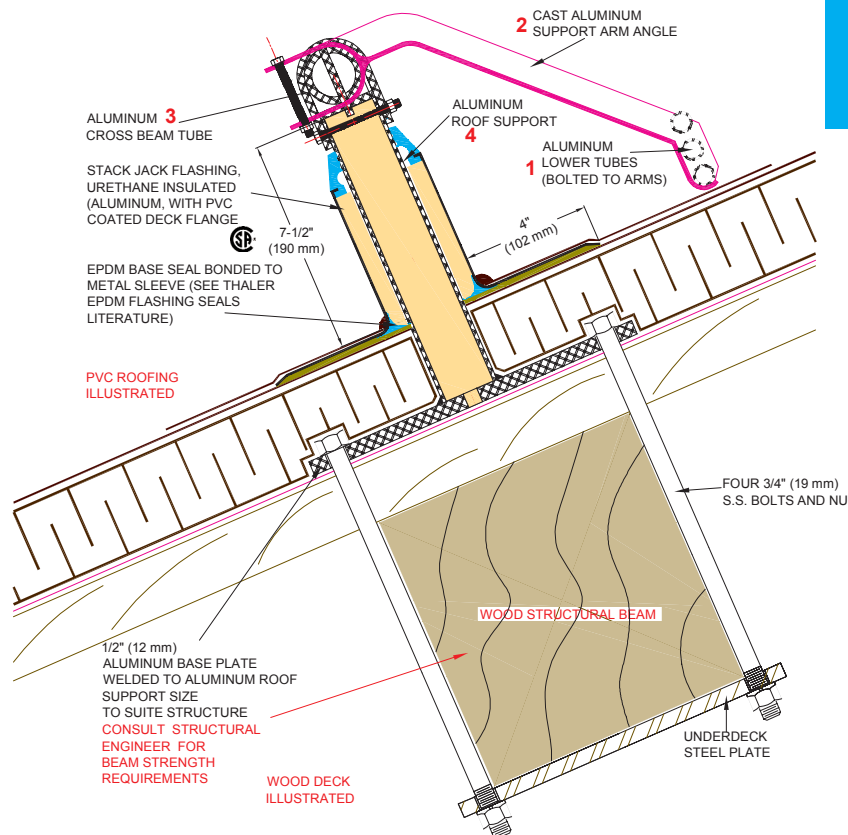


ARS-600 SNOW GUARD ROOF SUPPORTS



SIZES DATA FOR SNOW GUARD ASSEMBLY

Ground Snow Load			Roof Slope		1		2		3		4	
Severity	kN/m2	psf			Aluminum Lower Tubes 13" (330 mm) long		Cast Aluminum Support Arm Angle		Aluminum Cross Beam Tube 5'-0" (1524 mm) long		Aluminum Roof Support 10'-1/2" (267 mm) high	
LOW	0.0 TO 1.9	0.0 TO 40.0	4:12	18.4 DEG.	O.D. = 0.75" (19 mm)	T= 0.085" (2 mm)	1" x 1" x 1/8" (25 mm x 25 mm x 3 mm)	O.D. = 2" (51 mm)	T= 0.25" (6 mm)	O.D. = 2" (51 mm)	T= 0.125" (3 mm)	
			8:12	33.7 DEG.	O.D. = 0.75" (19 mm)	T= 0.112" (2.8 mm)	1-1/4" x 1-1/4" x 1/8" (32 mm x 32 mm x 3 mm)	O.D. = 2" (51 mm)	T= 0.3" (7.6 mm)	O.D. = 2" (51 mm)	T= 0.25" (6 mm)	
			12:12	45 DEG.	O.D. = 0.75" (19 mm)	T= 0.115" (2.9 mm)	1-1/2" x 1-1/2" x 1/8" (38 mm x 38 mm x 3 mm)	O.D. = 2" (51 mm)	T= 0.36" (9 mm)	O.D. = 2" (51 mm)	T= 0.3" (7.6 mm)	
MEDIUM	1.9 TO 3.0	40.0 TO 63.0	4:12	18.4 DEG.	O.D. = 0.75" (19 mm)	T= 0.112" (2.8 mm)	1-1/4" x 1-1/4" x 1/8" (32 mm x 32 mm x 3 mm)	O.D. = 2" (51 mm)	T= 0.3" (7.6 mm)	O.D. = 2" (51 mm)	T= 0.25" (6 mm)	
			8:12	33.7 DEG.	O.D. = 0.75" (19 mm)	T= 0.115" (2.9 mm)	1-1/2" x 1-1/2" x 1/8" (38 mm x 38 mm x 3 mm)	O.D. = 2" (51 mm)	T= 0.36" (9 mm)	O.D. = 2" (51 mm)	T= 0.3" (7.6 mm)	
			12:12	45 DEG.	O.D. = 0.75" (19 mm)	T= 0.125" (3 mm)	1-3/4" x 1-3/4" x 3/16" (44 mm x 44 mm x 5 mm)	O.D. = 2" (51 mm)	T= 0.5" (13 mm)	O.D. = 2" (51 mm)	T= 0.36" (9 mm)	
HIGH	3.0 & OVER	63.0 & OVER	4:12	18.4 DEG.	O.D. = 0.75" (19 mm)	T= 0.115" (2.9 mm)	1-1/2" x 1-1/2" x 1/8" (38 mm x 38 mm x 3 mm)	O.D. = 2" (51 mm)	T= 0.36" (9 mm)	O.D. = 2" (51 mm)	T= 0.3" (7.6 mm)	
			8:12	33.7 DEG.	O.D. = 0.75" (19 mm)	T= 0.125" (3 mm)	1-3/4" x 1-3/4" x 3/16" (44 mm x 44 mm x 5 mm)	O.D. = 2" (51 mm)	T= 0.375" (10 mm)	O.D. = 2" (51 mm)	T= 0.36" (9 mm)	
			12:12	45 DEG.	O.D. = 0.75" (19 mm)	T= 0.188" (5 mm)	1-3/4" x 1-3/4" x 1/4" (44 mm x 44 mm x 6 mm)	O.D. = 2" (51 mm)	T= 0.5" (12 mm)	O.D. = 2" (51 mm)	T= 0.375" (10 mm)	

ARS-600 SNOW GUARD ROOF SUPPORT

PATENTED

INSTALLATION

"Installation Instructions" are provided with every Thaler product. Essentially, the Thaler ARS-600 Roof Support is installed by fastening the mounting plate to the structural roof deck, placing the flashing sleeve over the support and roof membrane, and assembling the arm/cross tube sections. The large cross beam tubes at the top of the snow guards are notched for locking into the post head holders to prevent the snow guard from lifting under load. The lower tube arm assemblies simply rest on the roof without any additional securing.

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-600-A-P; weld roofing to deck flange using PVC torch.

Location of Snow Guards: The distance from the eave or outside wall to snow guards is to be determined by the project architect or structural engineer, based upon roof slope and snow loads.

Ordering and Availability: Specify flashing material required by adding appropriate suffix to model number e.g. ARS-600-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.

DESCRIPTION

The Thaler ARS-600 Snow Guard consists of a series of aluminum posts mounted to main structure, aluminum cross beam tube, cast aluminum support arms and aluminum lower tubes bolted to arms. A urethane insulated flashing, available in aluminum, copper, or stainless steel, with EPDM Base Seal, completes the assembly.

Recommended Spacing: Posts - 60\" (1525 mm) o.c. Distance from outside wall or eave to be determined by architect or structural engineer.

Prominent Features: Patented Thaler STACK JACK flashing with Base Seal eliminates condensation and condensation build-up from below, and the EPDM Triple Pressure Grommet Seal eliminates flashing leaks from above (seals never, ever need caulking). Aesthetically pleasing. Ensures structural sufficiency. Maintenance free.

Options: PVC coated flashing deck flange for PVC roof membrane. Bituminous painted flashing deck flange for BUR and ModBit roof membrane. Can also be manufactured to suit metal roof panels with D-100 Thaler EPDM Flexible flashing employed in lieu of STACK JACK flashing.

RECOMMENDED USE

Suitable for all sloped roofs to protect against falling snow.

WARRANTY

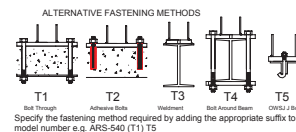
20 year warranty against **leaks, condensation and defects** in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Copy of Warranty Certificate available upon request.

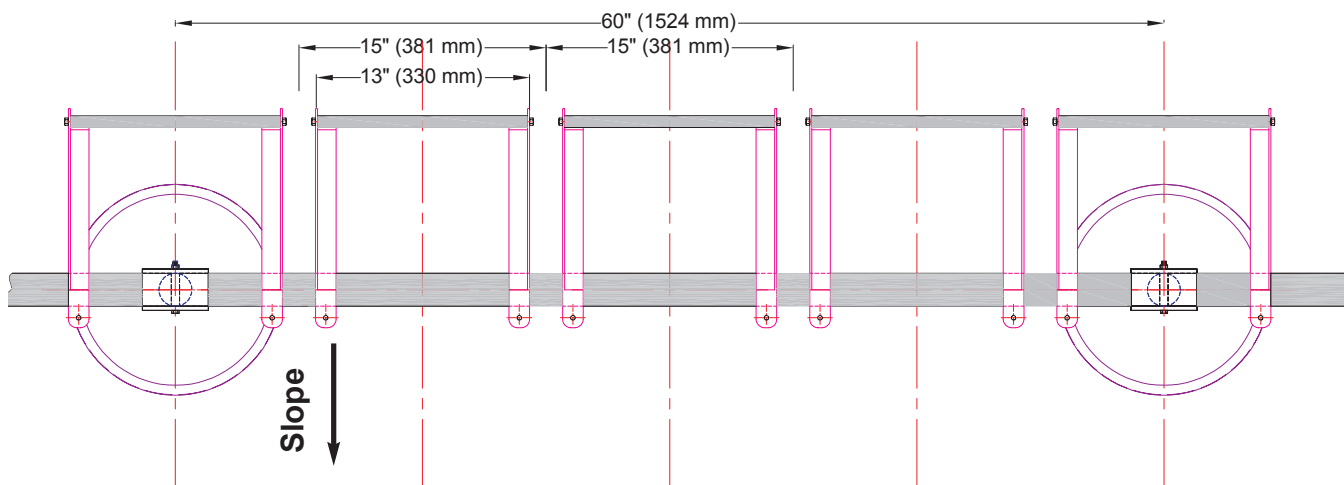
MAINTENANCE

No maintenance required (maintenance free).

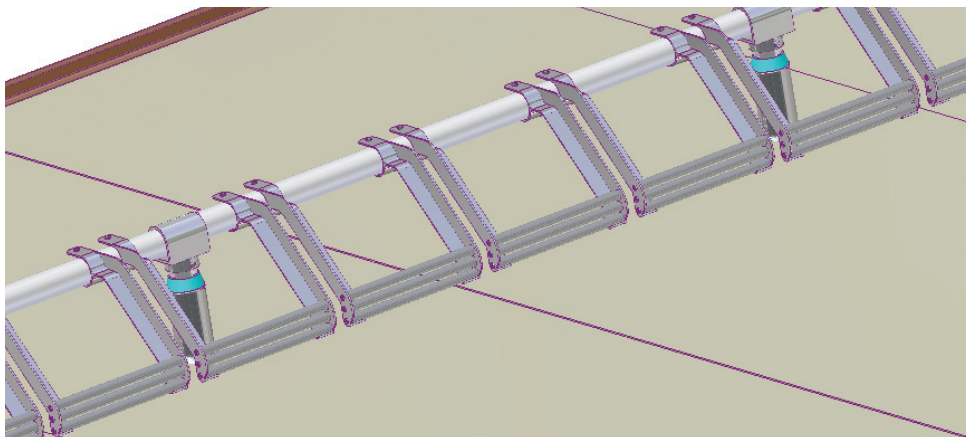
SPECIFICATION (Short Form)

Snow Guard roof supports: Thaler [ARS-600] urethane insulated hollow aluminum supports including appropriate hardware (adhesive fasteners supplied by others) for fastening to structural roof deck, aluminum cross beam tube locked into post holders, cast aluminum support arms, aluminum lower tubes bolted to arms; 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] 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.

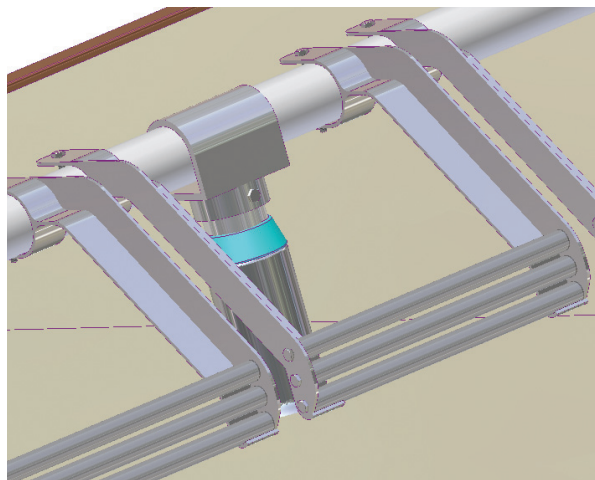




PLAN VIEW OF SNOW GUARD



Long View of
Snow Guard



Close-Up View of
Assembled Post Support