

# Architectural ROOF SYSTEM (RJS/W)



This Architectural Roof System is designed for seismic and thermal movement and handles ice, snow loads, and occasional maintenance foot traffic on flat and sloped roofs. The integral weather seals and moisture barriers keep outside elements from penetrating the structural opening and interior areas.

## FEATURES

**SEISMIC MOVEMENT** Designed with a seismic self-centering bar to keep the joint opening covered during a movement cycle providing a safe and clean appearance.

**WEATHER TIGHT** Engineered with an integrated moisture barrier for top quality water diversion with easy installation.

**ARCHITECTURAL ELEGANCE** The cover plate provides a high-end appearance.

## DETAILS

**MATERIAL** 6063-T6 Aluminum

**FINISH** Mill

### MOVEMENT

- Thermal: Horizontal and Vertical
- Seismic: Lateral Shear

**MOUNTING** Surface

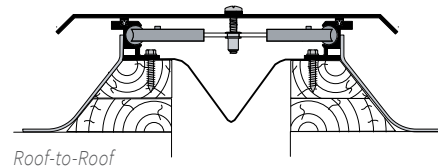
**JOINT SIZE** 2 inches to 24 inches

**LENGTH** 10 Linear Feet

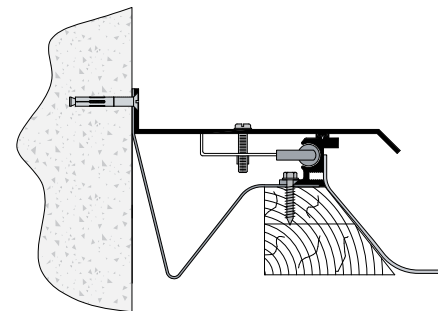
**APPLICATION** Exterior

**INSTALLATION** Roof

**OPTIONS** Fire Barrier, Metal Finishes and Sizes



Roof-to-Roof



Roof-to-Wall Corner

## MODELS

### ROOF-TO-ROOF

MODEL	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
RJS-200	2" (51mm)	8" (203mm)	3" (76mm)
RJS-400	4" (102mm)	11" (279mm)	6" (152mm)
RJS-600	6" (152mm)	14" (356mm)	9" (229mm)
RJS-800	8" (203mm)	9" (229mm)	12" (305mm)
RJS-1000	10" (254mm)	20" (508mm)	15" (381mm)
RJS-1200	12" (305mm)	23" (584mm)	18" (457mm)
RJS-1800	18" (457mm)	32" (813mm)	27" (686mm)
RJS-2400	24" (610mm)	41" (1041mm)	36" (914mm)

### ROOF-TO-ROOF

MODEL	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
RJS-200W	2" (51mm)	5.5" (140mm)	3" (76mm)
RJS-400W	4" (102mm)	8.5" (216mm)	6" (152mm)
RJS-600W	6" (152mm)	11.5" (292mm)	9" (229mm)
RJS-800W	8" (203mm)	14.5" (368mm)	12" (305mm)
RJS-1000W	10" (254mm)	17.5" (445mm)	9.75" (248mm)
RJS-1200W	12" (305mm)	20.5" (521mm)	11.75" (298mm)
RJS-1800W	18" (457mm)	29.5" (749mm)	17.75" (451mm)
RJS-2400W	24" (610mm)	38.5" (978mm)	23.75" (603mm)