

# Sill Retrofit Connector

## SRC

The SRC Sill Retrofit Connector has been engineered as a ductile retrofit for older buildings in high seismic zone regions that require additional reinforcement. It can be installed where there is minimal space between the floor framing and top of the foundation wall. The SRC can also be used to reinforce buildings in high velocity wind zones.

The two-piece design easily adjusts to foundations of varying thickness and can also be used where the sill plate may not be parallel to the face of the foundation wall.

### Features:

- The flat plate design works without supplemental washers at the anchor bolts
- Works with 2x solid-sawn sill plates or larger
- Accommodates sill plate setbacks up to 2-1/2" and foundation walls with a sloped face up to 20 degrees.
- Easy access to the hex head of the WS6 screws simplifies installation

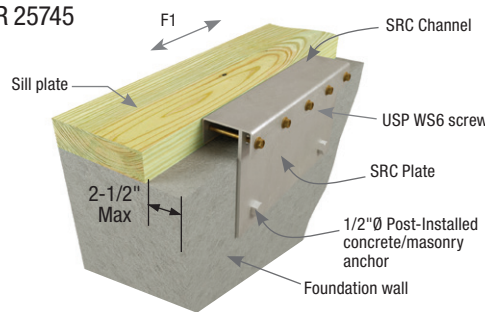
**Materials:** Channel - 12 gauge, Plate - 10 gauge

**Finish:** G90 galvanizing

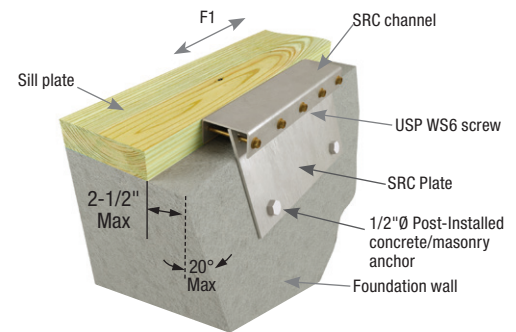
**Codes:** ICC-ES ESR-3455, FL17244, LA RR 25745

### Installation:

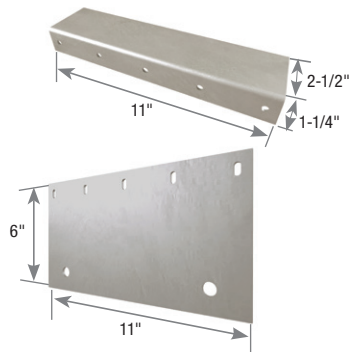
- Use all specified fasteners.
- WS6 wood screws are supplied with each SRC connector.
- Contact Customer Service for offsets more than 2-1/2".



**Typical SRC installation on rectangular foundation**

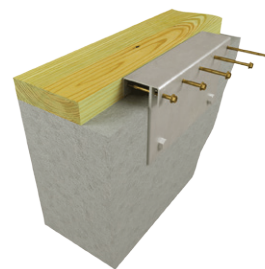


**Typical SRC installation on trapezoidal foundation**

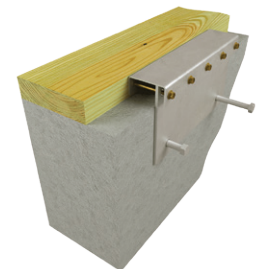


**SRC components**

### Recommended Installation Sequence



1) Install 5 - WS6 screws



2) Drill and install concrete anchors

USP Stock No.	Ref. No.	Components	Steel Gauge	Dimensions (in)		Maximum Spacing to Replace 1/2" or 5/8" Anchor Bolt	Fastener Schedule				Allowable Load (Lbs.) <sup>1</sup>	Ctn Qty	
				W	H		Concrete <sup>3,4</sup>		Sill Plate <sup>2</sup>				
							Qty	Dia.	Qty	Type	DF/SP		F1 (Parallel to Plate)
SRC	UFP10-SDS3	Channel Plate	12 10	11 11	1-1/4 6	6'	2	1/2	5	WS6	160%	1450	10

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.  
 2) WS6 wood screws are 1/4" x 6" and are included with each connector.  
 3) Use 1/2" diameter Powers Power-Stud® anchors with minimum 3" embedment or equivalent.  
 4) Minimum concrete strength f'c = 2500 psi.  
 Updated product information are designated in **blue font**.