

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

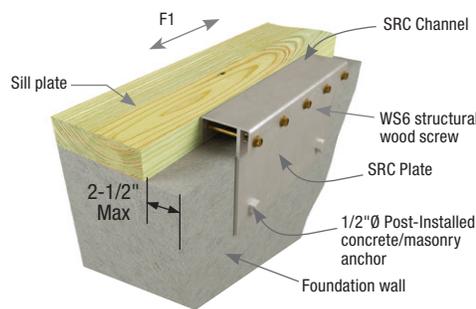
Materials: Channel - 12 gauge, Plate - 10 gauge

Finish: G90 galvanizing

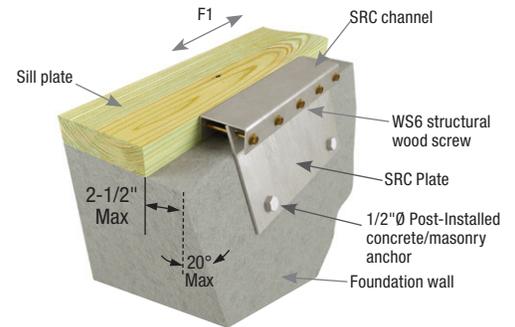
Codes: IBC, FL, LA

Installation:

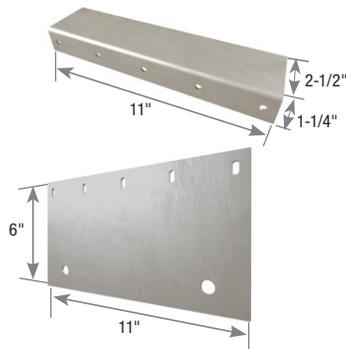
- Use all specified fasteners.
- WS6 wood screws are supplied with each SRC connector.
- Contact Customer Service for offsets more than 2-1/2".



Typical SRC installation on rectangular foundation

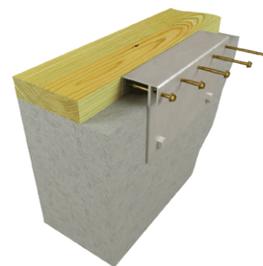


Typical SRC installation on trapezoidal foundation



SRC components

Recommended Installation Sequence



1) Install 5 - WS6 structural wood screws



2) Drill and install concrete anchors

MiTek Stock No.	Ref. No.	Components	Steel Gauge	Dimensions (in)		Maximum Spacing to Replace 1/2" or 5/8" Anchor Bolt	Fastener Schedule				DF/SP Allowable Load (Lbs.) ¹	Ctn Qty
				W	H		Concrete ^{3,4}		Sill Plate ²			
							Qty	Dia.	Qty	Type	F1	
SRC	URFP	Channel	12	11	1-1/4	6'	2	1/2	5	WS6	1405	10
		Plate	10	11	6							

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) MiTek's WS6 structural wood screws are 1/4" dia. x 6" long and are included with each connector.

3) Use 1/2" dia. Power-Stud® anchors with minimum 3" embedment or equivalent.

4) Minimum concrete strength f'c = 2,500 psi.