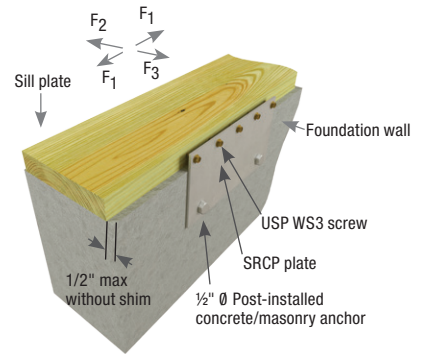
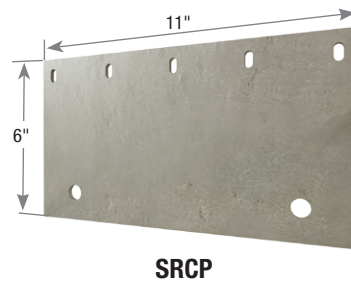


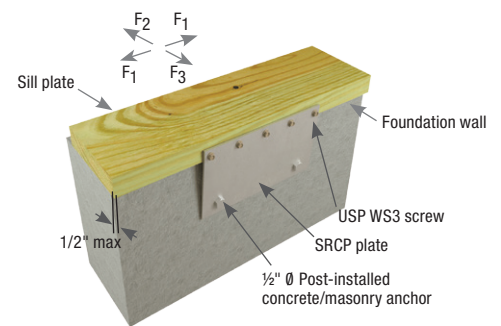
Sill Retrofit Connector Plate SRCP

USP's SRCP Sill Retrofit Connector Plate is designed as a retrofit sill-to-foundation connection that can be installed where there is minimal space between the floor framing and top of the foundation wall. The economical design is targeted for use in seismic regions and yet is also suitable for use as a supplementary connection in high wind areas. The SRCP Sill Retrofit Connector Plate can be installed without shims anywhere the face of the sill plate is within 1/2" of the face of the foundation wall.



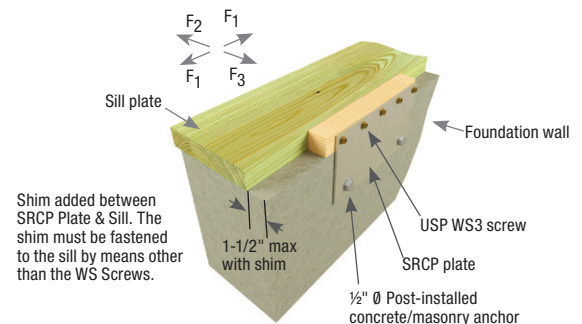
Typical SRCP installation without shim, 1/2" max setback

Figure 1



Typical SRCP installation without shim, 1/2" max overhang

Figure 2



Typical SRCP installation with shim, 1-1/2" max setback

Figure 3

Features:

- The flat plate design works without supplemental washers at the anchor bolts
- Works with 2x solid-sawn sill plates or larger
- Easy access to the hex head of the WS3 screws simplifies installation
- Accommodates sill plate setbacks and overhangs of up to 1/2" without the use of shims
- WS3 wood screws are provided with each connector

Materials: 10 gauge

Finish: G90 galvanizing

Codes: ICC-ES ESR-3455, FL17244, COLA RR 25745

Installation:

- For sill plate setbacks from 1/2" to 1-1/2", install a wood shim (a minimum of 15" long) tight against the sill plate and flush with the foundation wall. See Figure 3. Note: For any installations with a sill plate setback, a shim plate is required to transfer load in the F3 direction.
- Install the five WS3 screws (included) in the slotted holes of the SRCP plate, thru the shim (if applicable) and into the sill plate. The WS3 screws should be installed 3/4" above the bottom of the sill plate (i.e. centered in the narrow face for a 2x sill).
- Drill and install two 1/2" diameter Powers Power-Stud® anchors (or equivalent) into the foundation wall. See manufacturer's literature for proper installation of post-installed anchors.

USP Stock No.	Ref. No.	Steel Gauge	Dimensions (in)		Maximum Spacing to Replace 1/2" or 5/8" Anchor Bolt	Fastener Schedule				Installation Type	DF/SP Allowable Load (Lbs.) ¹			Ctn Qty
			W	H		Concrete ^{3,4}		Sill Plate ²			F1 160%	F2 160%	F3 160%	
						Qty	Dia.	Qty	Type					
SRCP	FRFP	10	11	6	6'	2	1/2	5	WS3	Figure 1	1570	360	--	5
										Figure 2	1570	--	360	
										Figure 3 ⁵	1570	360	360	

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
 2) WS3 wood screws are 1/4" x 3" and are included with each SRCP connector.
 3) Use 1/2" diameter Powers Power-Stud® anchors with minimum 3" embedment or equivalent.
 4) Minimum concrete strength f'c = 2,500 psi.
 5) The shim must be fastened to the sill by means other than the WS3 wood screws.