



Sage System™ Installation Steps — Option 1

Single Pergola, with Sunshade

Outdoor Accents®

SIMPSON
Strong-Tie

Tools Needed

	Drill
	3/16" concrete drill bit (4" long min.) 5/16" hex driver bit (when anchoring to concrete/CMU)
	Tape measure
	Ladder
	Level
	2–4 people (depending on pergola size)

Quantity of Parts Needed

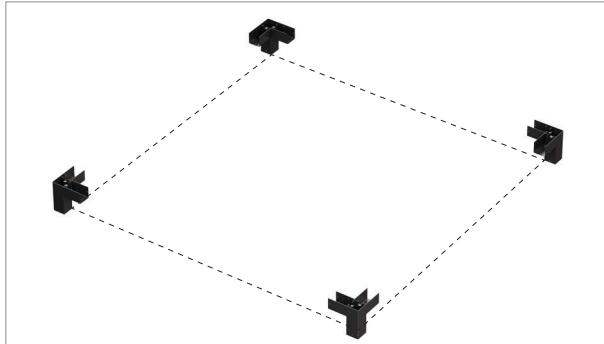
- 2 Sage System corner connector boxes (4 parts)
- 2 Sage System post base connector boxes (4 parts)
- 1 Sage System sunshade box (1 sunshade)

Note: All necessary screws and anchors are included in the box. Additional accessories for anchoring to concrete not included are listed in the "Tools Needed" section.

Lumber Details

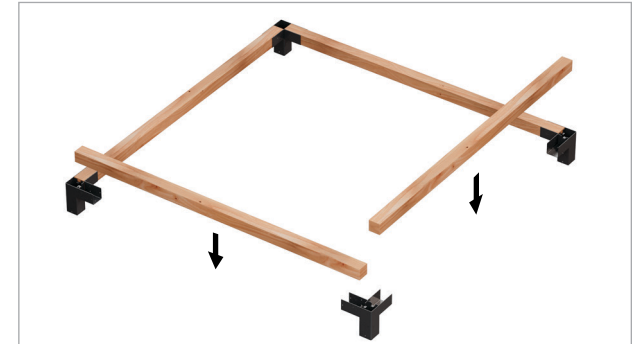
- 8 pieces of 4x4 or 6x6 lumber, depending on preference. Parts are made to fit 4x4 or 6x6 dry, straight dressed lumber. Dressed wood has eased edges and is planed on all sides.
 - 4x4 actual dimensions: 3 1/2" x 3 1/2"
 - 6x6 actual dimensions: 5 1/2" x 5 1/2"
- 8'-long beams fit 8' x 8' Sage sunshades and 10'-long beams fit 10' x 10' Sage sunshades. 8'-long posts recommended.

Step 1



Arrange corner connectors into a square. To avoid scratching finish, set parts on cardboard or other soft material.

Step 2



Place beams into connector slots as shown.

Tip: If a beam's fit is too tight on one of its faces, try rotating it 90°.

Step 3



Be sure beam is in contact with bottom of connector and slide beam as far forward as possible. Install screws through holes on sides of connector into beam. (Screws at underside of beams are installed later.)

Step 4



Install sunshade. Refer to "Sunshade Installation Steps" provided at the end of this document.

Sage System™ Installation Steps — Option 1

Single Pergola, with Sunshade

Outdoor Accents®

SIMPSON
Strong-Tie

Step 5



Install post bases onto posts. Lift one side of pergola and insert posts into bottom of corner connectors. Ensure posts are fully inserted (resting against stop tabs).

Tip: Installing only one screw to post base will be helpful if your site is gently sloped. Remaining screws can be installed after anchoring your pergola (Step 8).

Step 6



Using a ladder, lift opposite side of pergola and insert posts into other two corner connectors.

Step 7



Make final adjustments to pergola positioning, using a level to plumb posts.

Step 8



Predrill holes for anchors using a $\frac{3}{16}$ " concrete drill bit. Install provided screw anchors to secure pergola to concrete.

Tip: Ensure holes are drilled at least $2\frac{1}{4}$ " deep into concrete prior to installing anchors. Drive anchor until it makes contact with base, but do not overtighten.

Step 9



Install all remaining screws to posts and beams.

Step 10



Enjoy.

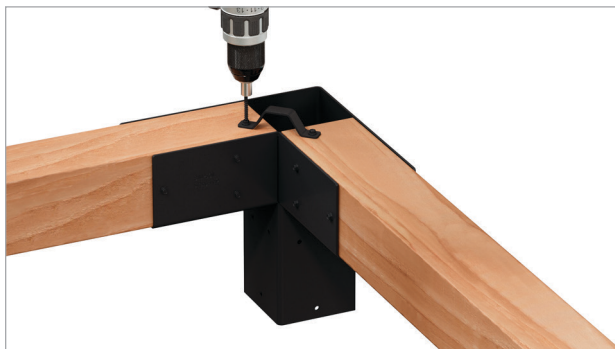
DISCLAIMER: These instructions are provided as a general guide for assembling the Sage System single pergola with a sunshade. Users should ensure all parts are installed correctly and securely. The manufacturer is not responsible for any damages, injuries, or structural failures resulting from improper assembly, environmental factors, or misuse. Users assume full responsibility for verifying compliance with local building codes and ensuring proper anchoring for stability. If unsure, consult a qualified professional. Use this guide at your own risk. See strongtie.com/warranty for more information.

Sage System™ Sunshade Installation Steps

Outdoor Accents®

SIMPSON
Strong-Tie

Step 1



Position the included sunshade brackets in each corner as shown and install screws.

Step 2



Attach straps of sunshade through brackets installed at each corner. Pull straps to tighten until gap is even on all sides. Do not excessively tighten.

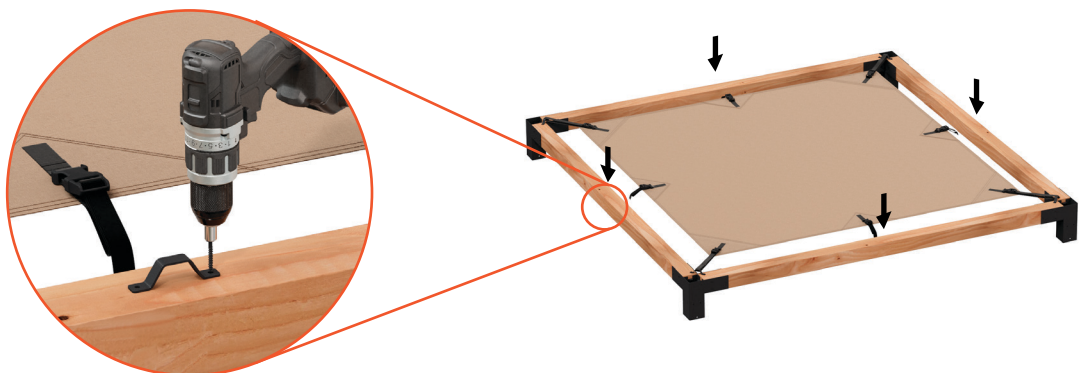
Step 3



Use center strap locations on sunshade and make a mark of where to place sunshade brackets along each beam.

Note: 8' x 8' Sage sunshades will have one (1) attachment point on each side (shown), 10' x 10' Sage sunshades will have two (2) attachment points on each side.

Step 4



Position remainder of brackets in marked locations and install screws.

Step 5



Attach remainder of sunshade straps to brackets. Then pull all straps to tighten until sunshade is snug and gap is even on all sides. Do not excessively tighten.