









Sage System™ Installation Steps — Option 1

Double 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

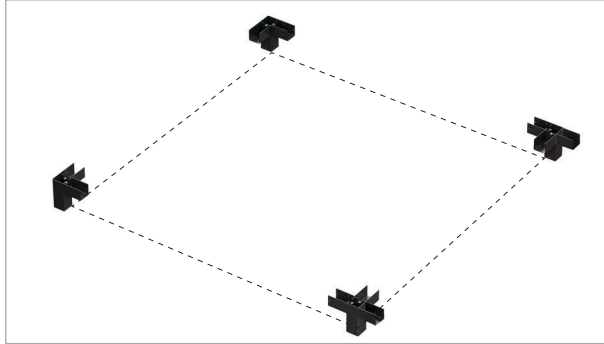
- 2 Sage System corner connector boxes (4 parts)
- 3 Sage System post base connector boxes (6 parts)
- 2 Sage System middle-T connector boxes (2 parts)
- 2 Sage System sunshade boxes (2 sunshades)

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

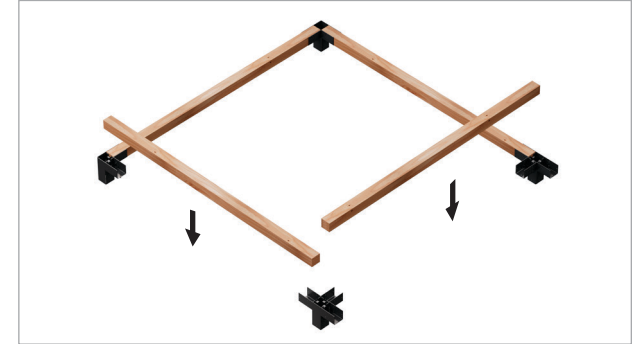
- 13 pieces of 4x4 or 6x6 lumber, depending on preference. Parts are made to fit 4x4 or 6x6 dry, straight dressed lumber. Dressed wood has eased edges and is planed on all sides.
 - 4x4 actual dimensions: 3½" x 3½"
 - 6x6 actual dimensions: 5½" x 5½"
- 8'-long beams fit 8' x 8' Sage sunshades and 10'-long beams fit 10' x 10' Sage sunshades. 8'-long posts recommended.

Step 1



Arrange two (2) corner connectors and two (2) middle-T connectors in a square. To avoid scratching finish, set parts on cardboard or other soft material.

Step 2



Place beams into connector slots as shown.

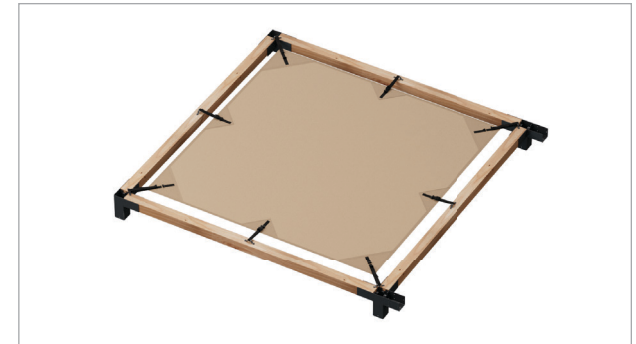
Tip: If a beam's fit is too tight on one of its faces, try rotating it 90°.

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

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Step 5



Install post bases onto four (4) 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 11).

Step 6



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

Step 7



Connect post bases and corner connectors to remaining two (2) posts with only one (1) screw each initially (other screws to be added later). Lift one post into position as shown and place beam between middle-T connector and newly raised post.

Note: Someone should hold the newly placed post until fully secured.

Step 8



Ensure beam is placed as far as possible into connector. Install screws into remaining holes of middle-T connector. Install screws through remaining corner connector holes to secure beam and post.

Step 9



Repeat Steps 7 and 8 with final post on opposite side.

Step 10



Lower final beam into position between corner connectors. Ensure beam is slotted fully into place, then install screws through remaining holes of corner connectors into beam.

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Step 11



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

Step 12



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

Step 13



Predrill holes for anchors using a $\frac{3}{8}$ " 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 14



Install all remaining screws to posts and beams.

Step 15



Enjoy.

DISCLAIMER: These instructions are provided as a general guide for assembling the Sage System double 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.

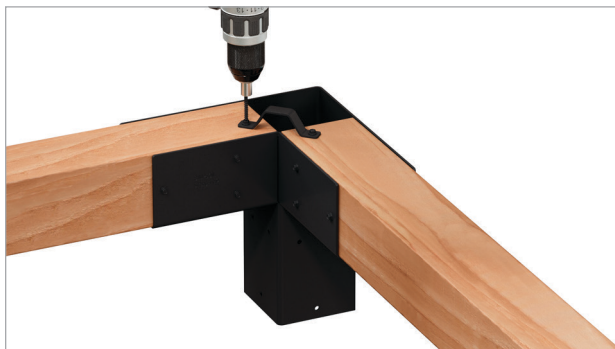
See strongtie.com/warranty for more information.

Sage System™ Sunshade Installation Steps

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Step 1



Position 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.

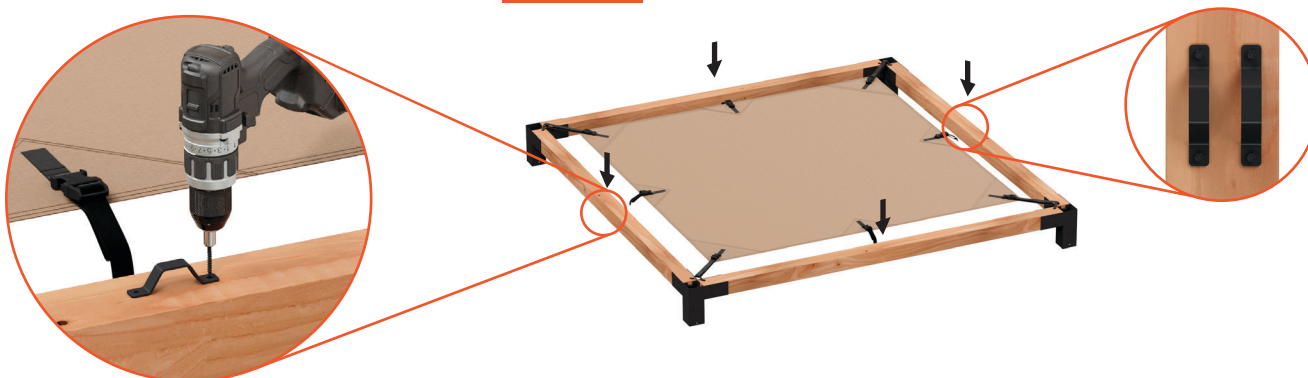
Step 3



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.

Tip: The center beam between double pergolas will have two (2) sets of brackets at each strap location when complete. A 1" gap between brackets is recommended for easier strap attachment.

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.