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> VEVOR Pergola Kit 4x4 Inch Brackets Instruction Manual (Model SSAC14)

## VEVOR SSAC14

# VEVOR Pergola Kit 4x4 Inch Brackets Instruction Manual

Model: SSAC14 | Brand: VEVOR

## PRODUCT OVERVIEW

The VEVOR Pergola Kit provides robust 4x4 inch pointed-roof pergola brackets designed for 3.5x3.5 inch actual size lumbers. This kit is suitable for building outdoor pergolas, gazebos, and sheds, offering a sturdy and customizable framework.

### Key Features:

- **Fits 3.5x3.5 Inch Wood Posts:** Ideal for pitched-roof pergolas, compatible with both softwood and hardwood.
- **Pergola Brackets Set:** Designed for custom DIY woodworking, featuring sturdy T-shape connectors.
- **Rustproof Expansion Bolts:** Includes 304 stainless steel expansion bolts (2.36 inches / 60 mm) for secure outdoor installation.
- **Built to Last:** Constructed from 2 mm carbon steel with a corrosion-resistant black powder coating, protecting posts from weather damage.
- **Made for Outdoor Use:** Black powder coating reduces rust and corrosion for long-term outdoor applications.

## SAFETY GUIDELINES

Always ensure the pergola is securely anchored to a stable foundation to prevent it from tipping over in strong winds or during storms. Regularly inspect the hardware for any signs of wear or damage, and tighten or replace as necessary. Do not attempt to assemble or disassemble the pergola in wet or icy conditions to prevent slips and falls. Always follow the manufacturer's instructions for proper installation and maintenance.

## PACKAGE CONTENTS

The VEVOR Pergola Kit (Model SSAC14) includes the following components:

Component	Quantity
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Component	Quantity
3-Way Brackets	4
2-Way Brackets	4
Ridge Brackets	2
Post Bases	4
Self-Drilling Screws (M4.8 x 40 mm)	156
304 Stainless Steel Expansion Bolts (2.36 inches / 60 mm)	16
User Manual	1

# Fits 3.5" x 3.5" Wood Beam



Image: All components included in the VEVOR Pergola Kit.

## SETUP AND INSTALLATION

Follow these steps for a successful pergola installation:

### 1. Preparing Your Wood Posts

Ensure your wood posts are 3.5 x 3.5 inches in actual size. If the wood is swollen or has rough edges, you may need to

sand or shave down the ends for a snug fit into the brackets.



Image: Illustration of 4x4 pergola brackets designed for 3.5x3.5 inch wood beams.

Video: An overview of the VEVOR Pergola Bracket Kit, demonstrating the unboxing and initial fitting of wood into the brackets.

Video: A DIY guide showing how to sand the ends of wood posts for a better fit into the pergola brackets.

## 2. Assembling the Brackets

1. Insert the wood post into the bracket, ensuring it is fully seated and upright.
2. Drill holes through the pre-drilled slots on the bracket into the wood.
3. Tighten the included self-drilling screws to secure the wood post firmly within the bracket.



Image: Step-by-step visual guide for installing the pergola brackets.

Video: Demonstration of fitting wood posts into the pergola corner brackets.

## 3. Securing the Structure

Once the main frame is assembled, use the provided 304 stainless steel expansion bolts to firmly anchor the post bases to your chosen surface (concrete, marble, or deck). This ensures stability against environmental factors.

# Ground Installation

Compatible with Multiple Surfaces

Suitable for

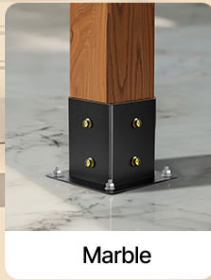
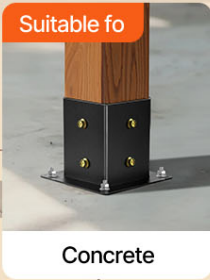


Image: Detail of firm ground anchoring using 304 stainless steel expansion screws.

Video: Installation tips and best practices for securing your pergola structure.

The wraparound design of the carbon steel brackets provides secure protection, keeping the pillars dry and preventing deformation. The black powder coating offers protection against wind, rain, and snow, slowing rust and corrosion.

## Built to Last

Withstands Outdoor Rain, Wind & Snow



Black powder coating helps slow rust over time

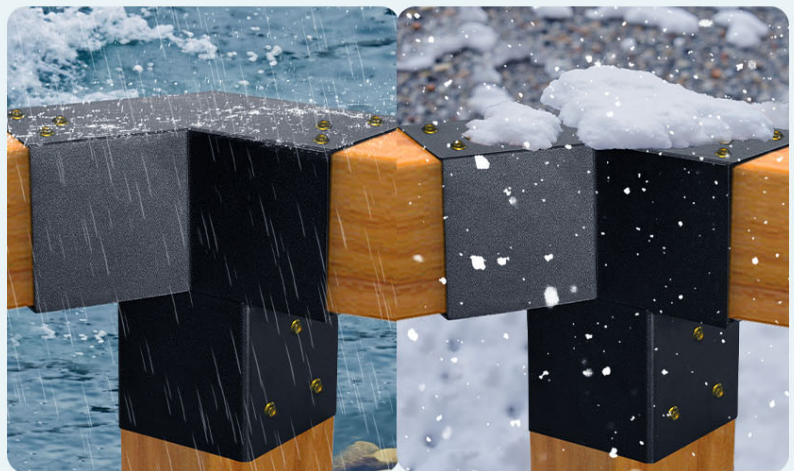


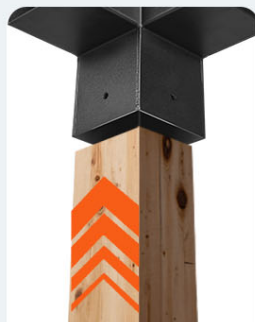
Image: Illustrates the wraparound carbon steel protection provided by the brackets.

## Easy Installation

Complete in 3 Simple Steps



Includes Self-Drilling Screws (M4.8 x 40 mm)



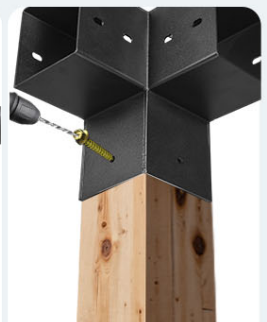
Insert the wood post into the bracket, pushing it in fully and keeping it upright

Step 1



Drill holes through the pre-drilled slots on the bracket

Step 2



Tighten the included screws to secure the wood post

Step 3

Image: Demonstrates the weather protection features of the pergola hardware.

## OPERATING & USAGE

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The VEVOR Pergola Kit allows for versatile outdoor structures. You can create an outdoor kitchen, a poolside shade, a backyard relaxation area, or even an outdoor garage/shelter. The brackets are designed for easy gable-top pergola setup, providing a stable and snug fit for your lumber.



### Easy Gable-Top Pergola Setup



14 Pcs Set



Built-in Shade Sail Holes



Less Prone to Rust

Image: A pergola setup as an outdoor kitchen for banquets and parties.

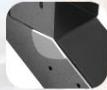


### Stable Structure

Snug Fit, Less Likely to Loosen



Fits 3.5" x 3.5" Lumber



150° large bevel



7.48" / 190 mm Arm Length for Firm Mounting



0.08" / 2 mm Wall Thickness, Deformation-Proof

Image: A pergola providing shade by a swimming pool.

## MAINTENANCE

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To ensure the longevity and safety of your VEVOR pergola, regular maintenance is recommended:

- **Regular Inspection:** Periodically check all brackets, screws, and bolts for any signs of loosening, wear, or damage.
- **Tighten Fasteners:** Re-tighten any loose screws or bolts to maintain structural integrity.
- **Replace Damaged Parts:** If any component shows significant wear or damage, replace it immediately.
- **Clean Brackets:** Clean the black powder-coated brackets as needed to remove dirt and debris, which can help prevent corrosion.
- **Avoid Wet Conditions for Assembly:** Do not assemble or disassemble the pergola in wet or icy conditions to

prevent slips and falls.

## Installation Tip



Determine whether pre-drilling is needed based on wood type



**Softwood**  
(e.g., Pine, Spruce, Douglas Fir):  
No pre-drilling needed.  
Screws can be driven in directly



**Hardwood (e.g., Oak [Red/White], Teak, Redwood):**  
Pre-drilling is recommended before inserting screws

Image: The durable black powder coating helps slow rust over time, ensuring longevity in outdoor conditions.

## TROUBLESHOOTING

If you encounter any issues during assembly or use, consider the following:

- **Wood Posts Not Fitting:** If wood posts are too tight, ensure they are 3.5x3.5 inches actual size. Pressure-treated wood can swell; allow it to dry or gently sand/shave the edges for a better fit.
- **Loose Connections:** Double-check that all self-drilling screws and expansion bolts are fully tightened. Ensure the wood is not warped, which could prevent a snug fit.
- **Instability:** Verify that all post bases are securely anchored to a stable, level foundation using the provided expansion bolts.

## PRODUCT SPECIFICATIONS

Specification	Detail
Brand	VEVOR
Model Number	SSAC14
Material	Carbon Steel
Color	Black
Item Weight	49.6 Pounds (22.5 kg)
Water Resistance Level	Waterproof
Assembly Required	No (for brackets, wood assembly required)
Included Components	156 x Self-Drilling Screws, 16 x 304 Stainless Steel Expansion Bolts
GTIN / UPC	197988695240



# Outdoor Kitchen

Outdoor Banquet & Party

Image: Detailed dimensions and components of the VEVOR Pergola Kit.

## WARRANTY AND SUPPORT

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VEVOR products typically come with a 1-year warranty. For technical support, warranty claims, or any product-related inquiries, please refer to the official VEVOR website or contact their customer support directly.

Visit [www.vevor.com/support](http://www.vevor.com/support) for more information.