Poborin 1

Poborin 20x20 FT Heavy Duty Metal Carport Instruction Manual

Model: 1

Introduction

This manual provides comprehensive instructions for the assembly, operation, and maintenance of your Poborin 20x20 FT Heavy Duty Metal Carport. Designed for durability and versatility, this carport offers reliable protection for vehicles and other assets. Please read all instructions carefully before beginning assembly to ensure safe and correct installation.



Image: The Poborin 20x20 FT Heavy Duty Metal Carport providing shelter for two vehicles in an outdoor environment.

Safety Information

- Always wear appropriate personal protective equipment (PPE) during assembly, including gloves and eye protection.
- Ensure the assembly area is clear of obstructions and level.
- This carport requires a minimum of two people for safe assembly.
- Do not attempt to assemble in high winds or adverse weather conditions.
- Securely anchor the carport to the ground using appropriate methods for your specific terrain to prevent wind uplift.
- Regularly inspect all connections and components for tightness and damage.
- Keep children and pets away from the assembly area.

Parts List

Before beginning assembly, verify that all parts are present and undamaged. Refer to the included parts diagram for identification.

- Steel Frame Components (various lengths and shapes)
- Galvanized Roof Panels (0.8mm thick, anti-leak seam-taped)
- Fasteners (bolts, nuts, washers)
- Anchoring Hardware (specific type may vary based on package)
- Assembly Tools (wrenches, screwdrivers - not included)



Image: The carport components are shipped in multiple packages, which may arrive at different times.

Setup and Assembly

Follow these steps carefully for proper assembly. A minimum of two people is required for installation.

Step 1: Prepare the Site

Choose a level, stable area for your carport. Ensure adequate clearance around the structure for assembly and future use. The carport dimensions are 20 x 20 ft, providing 400 sq. ft. of storage area.



Image: Carport dimensions and a note indicating that two people are required for installation.

Step 2: Assemble the Frame

Begin by assembling the main frame components according to the diagram. Ensure all connections are secure but do not fully tighten bolts until the entire frame is upright and aligned.



Image: Visual guide for simple installation and securely linked components to reduce installation time.

For a visual guide on frame assembly, please refer to the installation video below:

Your browser does not support the video tag.

Video: Official installation guide for the metal carport, demonstrating frame assembly and roof panel placement.

Step 3: Install Roof Panels

Carefully place the galvanized roof panels onto the assembled frame. Ensure proper overlap and alignment. The panels are designed with anti-leak seam-taped edges for enhanced weather resistance. Secure them using the provided fasteners.

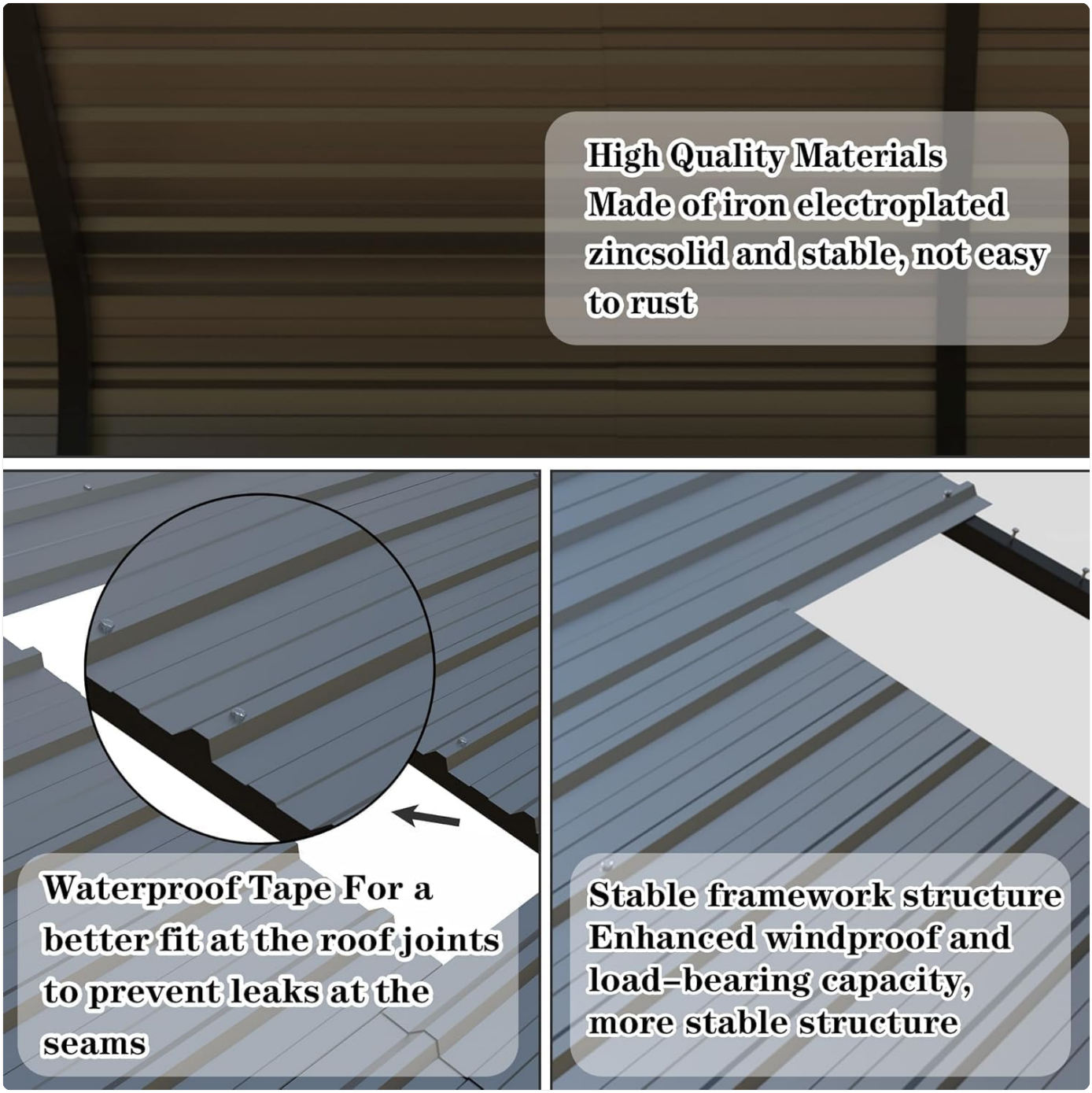


Image: Details on high-quality materials, waterproof tape for roof joints to prevent leaks, and stable framework structure for enhanced windproof and load-bearing capacity.

Step 4: Final Tightening and Anchoring

Once all components are in place and aligned, fully tighten all bolts and fasteners. Anchor the carport securely to the ground. This carport features a robust heavy-duty steel frame and is designed to withstand 100 MPH winds when properly anchored.



Image: The completed carport frame, ready for use.

Operating Instructions

The Poborin Metal Carport is designed for straightforward use as a shelter for vehicles, boats, or as a versatile outdoor canopy. No complex operational procedures are required.

- **Vehicle Parking:** Drive vehicles into the carport, ensuring adequate clearance on all sides.
- **Storage:** Utilize the spacious 20x20 ft area for storing various items that require protection from the elements.
- **Weather Protection:** The galvanized steel roof and sturdy frame provide protection against sun, rain, and snow. The sidewall extension design helps keep slanted rainwater out and facilitates easy drainage.



Image: The sidewall extension design effectively sheds rainwater, and the structure features 50% thicker tubes for increased durability.

Maintenance

Regular maintenance will extend the lifespan of your carport and ensure its continued performance.

- **Periodic Inspection:** Annually, or after severe weather, inspect all frame connections, bolts, and roof panels for any signs of loosening, damage, or corrosion. Tighten any loose fasteners.
- **Cleaning:** Clean the roof panels and frame as needed with mild soap and water to remove dirt, debris, or mildew. Avoid abrasive cleaners or tools that could scratch the galvanized finish.
- **Snow Removal:** In areas with heavy snowfall, regularly remove accumulated snow from the roof to prevent excessive load, although the design is tested for snow regions.
- **Anchoring Check:** Periodically check the ground anchors to ensure they remain secure, especially after ground shifts or heavy rains.



Image: The carport is designed to adapt to various weather conditions, offering UV, weather, wind, and snow resistance.

Troubleshooting

This section addresses common issues you might encounter with your carport.

Problem	Possible Cause	Solution
Water Leakage from Roof	Improperly installed roof panels or damaged seam tape.	Check roof panel overlaps and ensure seam tape is intact. Re-align and re-secure panels if necessary. Apply additional waterproof sealant if needed.
Carport Feels Unstable	Loose fasteners or inadequate anchoring.	Inspect all bolts and connections and tighten them. Verify that the ground anchors are firmly secured and consider additional anchoring if in a high-wind area.
Missing Parts Upon Delivery	Packages may arrive at different times.	Wait for all packages to arrive. If items are still missing, contact customer service immediately.

Specifications

Feature	Detail
Brand	Poborin
Model Number	1
Product Dimensions	240"L x 240"W x 240"H (20'L x 20'W x 20'H)

Feature	Detail
Material	High-quality Galvanized Metal
Frame Material	Heavy Duty Steel Frame (1.3MM thickness, 1.8" x 1.8" sturdy square frame)
Roof Panels	0.8mm Galvanized, Anti-leak Seam-Taped
Color	Black (frame), Grey (roof panels)
Water Resistance Level	Moisture Resistant
UV Protection	300 (Ultraviolet Light Protection)
Wind Resistance	Tested to withstand 100 MPH winds
Assembly Required	Yes (2-person installation recommended)



Image: Details on the upgraded galvanized steel metal panel and the sturdy square frame, highlighting thickness and durability.

Warranty and Support

Poborin stands behind the quality of its products. For any inquiries, issues, or to claim warranty service, please contact our dedicated support team.

- **Customer Service:** Our support team is ready to assist you within 24 hours. Please refer to your purchase documentation for specific contact details or visit the official Poborin website.
- **Protection Plans:** Additional protection plans are available for purchase to extend coverage beyond the standard warranty. These include 2-Year and 3-Year Protection Plans.
- **Return Policy:** This product is subject to a 30-day refund/replacement return policy.

For more information, please visit the Poborin Brand Store on Amazon.

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