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PORTER-CABLE 5562

Porter-Cable #20 Plate Joiner Biscuit 5562 User Manual

Model: 5562

INTRODUCTION

This manual provides essential information for the proper use, storage, and care of Porter-Cable #20 Plate Joiner Biscuits, model 5562. These biscuits are designed for creating strong, precise joints in woodworking projects when used with a compatible plate joiner. Adhering to these guidelines will help ensure optimal performance and durability of your woodworking joints.



This image displays a clear plastic container filled with Porter-Cable #20 Plate Joining Biscuits. The container features a black screw-top lid and a red and white label with the 'PORTER-CABLE' logo. The label also indicates 'PLATE JOINING BISCUITS' and specifies the dimensions as (15/16" X 2-9/32" - 24mm X 58mm) and a quantity of 100.

SETUP AND PREPARATION

Before using the biscuits, ensure your work area is clean and your plate joiner is properly set up for #20 biscuits. The quality of the joint depends on accurate cuts and proper biscuit insertion.

1. **Inspect Biscuits:** Before use, visually inspect each biscuit for any damage, warping, or irregularities. Discard any biscuits that appear compromised.

2. **Material Preparation:** Ensure the wood pieces to be joined are clean, dry, and accurately cut. Mark the precise locations for the biscuit slots on both pieces.
3. **Plate Joiner Settings:** Set your plate joiner to cut slots appropriate for #20 biscuits. Refer to your plate joiner's manual for specific depth and angle adjustments.
4. **Test Fit:** It is recommended to perform a test fit with scrap wood to verify the accuracy of your joiner's settings and the fit of the biscuits. Biscuits should fit snugly but not require excessive force to insert.

OPERATING INSTRUCTIONS

Follow these steps for effective use of Porter-Cable #20 Plate Joiner Biscuits in your woodworking projects:

1. **Cut Slots:** Using your plate joiner, cut the biscuit slots into the edges or faces of the wood pieces where the joint will be formed. Ensure the slots are aligned perfectly between the two pieces.
2. **Apply Wood Glue:** Apply a generous, even coat of high-quality wood glue into each biscuit slot and along the mating surfaces of the wood pieces. The glue will cause the compressed wood fibers of the biscuit to swell, creating a very strong bond.
3. **Insert Biscuits:** Immediately insert the #20 biscuits into the slots on one of the wood pieces. They should slide in with a snug fit.
4. **Assemble Joint:** Bring the two wood pieces together, aligning the biscuits with the corresponding slots on the second piece. Press firmly to ensure full engagement of the joint.
5. **Clamp:** Secure the assembled joint with appropriate clamps. Apply even pressure to ensure the mating surfaces are tightly joined. Wipe away any excess glue squeeze-out with a damp cloth.
6. **Curing Time:** Allow the glue to cure for the recommended time as specified by the glue manufacturer before removing clamps or applying stress to the joint.

MAINTENANCE AND STORAGE

Proper storage of your Porter-Cable #20 Plate Joiner Biscuits is crucial to maintain their integrity and ensure optimal performance.

- **Dry Environment:** Store biscuits in a cool, dry place away from humidity and moisture. Exposure to moisture can cause the biscuits to swell prematurely, making them difficult to insert and compromising joint strength.
- **Original Packaging:** Keep biscuits in their original sealed container or an airtight container to protect them from environmental factors.
- **Temperature Control:** Avoid storing biscuits in areas with extreme temperature fluctuations, as this can also affect their stability.

TROUBLESHOOTING

If you encounter issues while using your plate joiner biscuits, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Biscuits do not fit into slots (too tight)	Biscuits have absorbed moisture and swelled; incorrect joiner setting.	Ensure biscuits are stored in a dry environment. Check plate joiner's depth setting for #20 biscuits.

Problem	Possible Cause	Solution
Biscuits fit too loosely in slots	Incorrect joiner setting; worn joiner blade.	Verify plate joiner's setting for #20 biscuits. Inspect and replace joiner blade if worn.
Weak or failing joints	Insufficient glue; improper clamping; biscuits not swelling.	Apply adequate glue to slots and surfaces. Ensure proper clamping pressure and duration. Verify biscuits are dry before use.
Joints are not flush or aligned	Inaccurate slot cutting; warped wood.	Ensure precise marking and cutting of slots. Use straight, flat wood stock.

SPECIFICATIONS

Key specifications for the Porter-Cable #20 Plate Joiner Biscuit 5562:

- **Brand:** PORTER-CABLE
- **Model Number:** 5562 (Part Number), 890TX (Item Model Number)
- **Compatible Devices:** Biscuit joiners
- **Recommended Uses:** Joining wooden pieces, woodworking joints
- **Shape:** Round (referring to the overall shape of the biscuit, though it is oval/football shaped)
- **Unit Count:** 1.0 Count (per package)
- **Item Weight:** 11.8 ounces (approx. 334.5 grams)
- **Product Dimensions:** 9 x 3.5 x 3.5 inches (packaging dimensions)
- **Outer Material:** Wood
- **UPC:** 033753055621, 039404111166
- **Quantity:** 100 biscuits per package
- **Biscuit Dimensions:** 15/16" X 2-9/32" (24mm X 58mm) - *Note: This is the standard #20 biscuit size.*

WARRANTY AND SUPPORT

For specific warranty information regarding Porter-Cable products, please refer to the documentation included with your original purchase or visit the official Porter-Cable website. As this product is a consumable accessory, warranty terms may differ from power tools.

For technical support or further inquiries, please contact Porter-Cable customer service directly. You can often find contact information on the product packaging or on the official Porter-Cable website: www.portercable.com