

Do It Yourself

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European Dish Rack -- Assembly and Finishing Touches

From "[Wood Works](#)"

episode WWK-410 -- [More Projects »](#)

With the side panels complete, final assembly can begin on the European dish rack. Once assembled, a tung-oil finish is applied.

Materials:

Yellow woodworker's glue

Clamps

Dead-blow hammer

Tung-oil wood finish

Paint brushes

Rags

Note: Cut sizes may vary. For exact measurements, please contact David Marks through his Web site -- information below under Resources.

Safety Alert: *Always* wear safety goggles or safety glasses when working with wood, power-tools, saws, drills, routers, etc.

Safety Alert: *Always* wear protective gloves, and ensure adequate ventilation, when working with wood stains, solvents and other toxic solutions.

Steps:

- The glue-up is not complicated, but it should be done in the proper order. Begin by applying glue into the mortises on one of the side panels (**figure A**).
- Position and install the front assembly (**figure B**), followed by the back rails and support rail (**figure C**).
- Add the final side, and use a dead-blow hammer to gently tap the



The warm character of quarter-sawn white oak is an excellent choice for this elegant piece inspired by ornate dish racks that are common in Europe. The simplicity of the design provides a tasteful complement to fine china.



Figure A



Figure B

structure together (**figure D**).

- Clamp the whole assembly using four long bar-clamps, using cork-lined blocks to protect the wood from the clamps (**figure E**).
- Once the glue has dried for several hours, hand-sand the structure using some 220-grit sandpaper and add a wood finish. We opted for a tung-oil finish to amplify the dramatic figure of the quarter-sawn white oak (**figure F**).

Important: When this rack is filled with dishes it will be quite heavy. When you secure it to the wall using the French cleat, make sure that the attaching half of the cleat is secured to wall studs.

[Click here](#) to order your tools and materials for this project from **Woodcraft!**

RESOURCES:

Fine Woodworking

A magazine devoted to high-quality craftsmanship in woodworking.

The Taunton Press Inc

Newtown, CT 06470

Phone: 203-426-8171

Fax: 203-426-3434

Email: service@taunton.com

Woodworking Techniques: Best Methods for Building Furniture from Fine Woodworking

Model: 1561583456

Author: Fine Woodworking Magazine

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David Marks Website

David Marks, DIY's *Wood Works* host, is a master woodworker. For more information on cut sizes and project details, please contact him via his Website at www.djmarks.com



Figure C



Figure D



Figure E



Figure F

- **ALSO IN THIS EPISODE:**

[European Dish Rack -- Rails, Stiles and Joinery](#)

[European Dish Rack -- Front Assembly](#)

[European Dish Rack -- Side Panels and Fretwork](#)

[European Dish Rack -- Assembly and Finishing Touches](#)

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