

# VERSACUT™



## 6 HOME IMPROVEMENT PROJECTS WITH VERSACUT™



**ROCKWELL®**



# Rockwell Versacut Project Guide



## Welcome! Get ready to change the way you work.

Have you used your Versacut yet? We've talked about it long enough—now it's time to experience the 3500 RPMs of this powerful tool for yourself.

After the first cut, you'll realize: the way you tackle construction projects will never be the same. No more hauling around heavy saws. No more running back and forth to measure and cut. No more dust and mess. It's just you and the time-saving precision of a single tool that does the job of a truckload of power saws.

### What's first?

Whether it's on the job or at home, your Versacut can revolutionize the way you work on construction projects. So start now with one of six examples here in the guide. We're sure Versacut's innovation will inspire you in whatever you set out to do.

# Wood Flooring

Save time when you bring the workshop to your workspace.

## Tools

Versacut  
Nail set  
Staple gun  
Drill bits  
Hammer  
Tape measure  
Pry bar  
Ear protection  
Safety goggles  
Chalk line  
Variable speed drill

## Material List

### Flooring

Amount depends on total square footage. Multiply width by length in feet, add 10-15% extra.

### Vapor barrier

Same square footage as flooring, including extra 10-15%. Type will depend on manufacturer's local building codes.

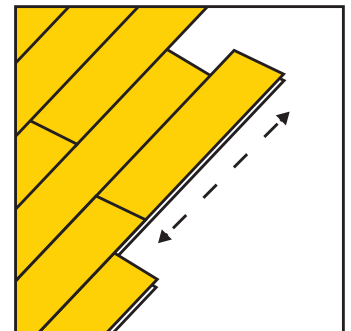
### Nails and staples

For fasteners, use those recommended by flooring manufacturer.

1/4"-1/2" staples to secure the vapor barrier

## Get Started

- 1 Bring the wood you'll be using into the room, so it can adjust to the temperature. Give it about 48-72 hours.
- 2 Prep your room and subfloor. Remove baseboards and any other trim that will contact the floor. Vacuum up dust and dirt and follow manufacturer's recommendations.
- 3 Lay down a vapor barrier as recommended by flooring manufacturer.  
  
Lay out your flooring perpendicular to the floor joists. Start on the longest unobstructed wall. **Tip!** Here's how: Measure the distance from the beginning edge to finish edge (a) (as the floor joists run). Subtract  $\frac{3}{4}$ " (b) to have  $\frac{3}{8}$ " gaps between the finished walls at the beginning and end of the flooring. Take the total coverage run (c) and divide by the width (d) of one piece of flooring. The remainder (e) is the width of the final piece. Add the remainder (e) and the width (d) of a piece of flooring and divide that total by 2 (f: starter and finish pieces). This will be the width of your first and last piece. Example: (a Total run)  $146 \frac{1}{4}$ " - (b gaps)  $\frac{3}{4}$ " = (c total coverage run)  $145 \frac{1}{2}$ "; (c)  $145 \frac{1}{2}$ " / (d width) 4" = 36 (e remainder)  $1 \frac{1}{2}$ "; (e)  $1 \frac{1}{2}$ " + (d width) 4" =  $5 \frac{1}{2}$ " / 2 = (f)  $2 \frac{3}{4}$ "
- 4  
  
Get your Versacut! Use the parallel guide and laser to rip the starter piece to width.  
  
Lay out several rows of flooring about a foot away from where you have begun installation. **Tip!** It's important to do this so you can see where the joints are lining up. Adjust pieces as needed to avoid joints being too close together or creating a regular pattern.
- 5  
  
Lay the flooring on a scrap piece of plywood to make cuts with your Versacut. Keep the flooring about  $\frac{3}{8}$ " shy of all walls to allow for expansion in heat and humidity.
- 6  
  
Drill small pilot holes down into the tongue of each board and hand-nail the starter pieces. Set nails.
- 7  
  
After 3 or 4 rows, begin to use the pneumatic nailer/ staple gun to fasten the floorboards.
- 8  
  
After flooring is installed, cut and install the baseboard and any other trim pieces.
- 9  
  
Fill nail holes with matching wood putty.
- 10  
  
Fill nail holes with matching wood putty.
- 11



Flooring should run perpendicular to the floor joists.



### The Versacut difference

- Laser and rip guide helps you cut with accuracy.
- Precision depth settings allow you to make your cuts right in the work area, even on the floor!
- Vacuum attachment eliminates cleanup time, so you can move on to the next project fast.

# Tile Backsplash

Precision cutting on tough tile, made easy with Versacut.

## Tools

Versacut  
Tape measure  
Level  
Goggles  
Notched trowel  
Rubber grout float

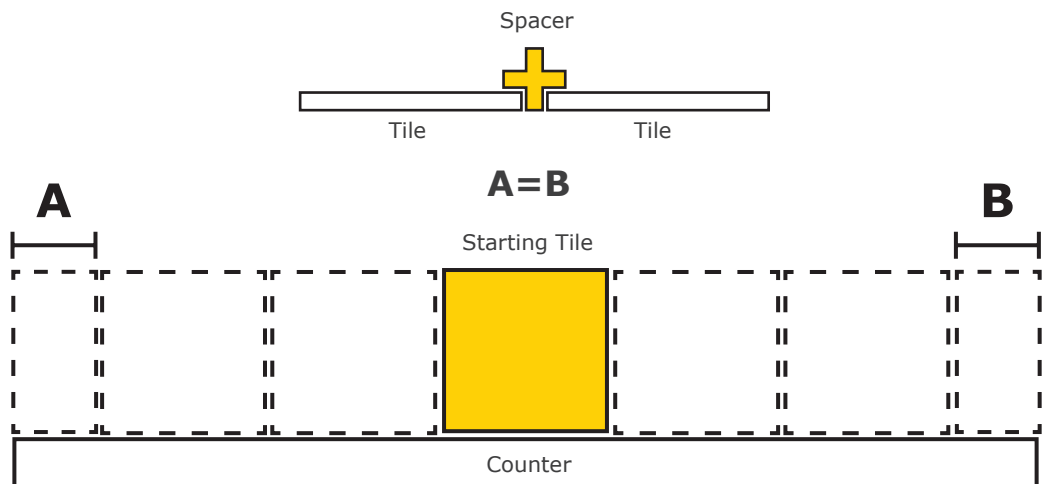
## Material List

**Tile**  
The amount depends on the square footage of the space you'll want to cover. **Tip!** Plan on getting a few extra tiles to allow for breakage and for potential future fixes.

Painter's tape  
Thinset adhesive  
Grout

## Get Started

- 1 Check the wall area to make sure it's dry and solid.
- 2 Do a dry tile layout to see how the tiles will look. Adjust the tiles to have two medium-size pieces of equal width at the ends. **Tip!** Be sure to check for any places you may end up with a very small piece.
- 3 Start tiling from the middle of the bottom row of backsplash and work out to the sides. **Tip!** If an outlet hole is required, mark the hole to be cut. Protect the cut edges of the tile with masking or painters tape. Use the plunge cutting action to cut the 4 sides of the outlet hole. See the Plunge Cut Guide for details.
- 4 Place a spacer on each corner of the first tile. Gently push the spacers into the tile adhesive. **Tip!** Don't insert spacers flat. You'll need something to grab when you remove them later.
- 5 Get out your Versacut. Use the diamond blade to cut tile as needed.
- 6 Working out from the first tile, lay the tiles in a row, using spacers between tiles.
- 7 Complete a row, and follow the same pattern for the next one.
- 8 Let the thinset adhesive set for at least 24 hours.
- 9 Carefully remove the spacers.
- 10 Apply the grout according to the manufacturer's instructions. Wipe off the excess with a damp sponge when the grout becomes firm. **Tip!** For best results keep rinsing the sponge in clean water.



### The Versacut difference

- Diamond blade keeps tile cuts clean and smooth.
- No dusty mess in your kitchen.
- Plunge-cut efficiency for precise cuts.

# Wainscoting

Cut precise lines for a level look easily with Versacut.

## Tools

Versacut  
Hammer  
Level  
Tape measure  
Stud finder (optional)  
Pry bar  
Screwdriver  
Dust mask  
Goggles  
Hearing protection

## Material List

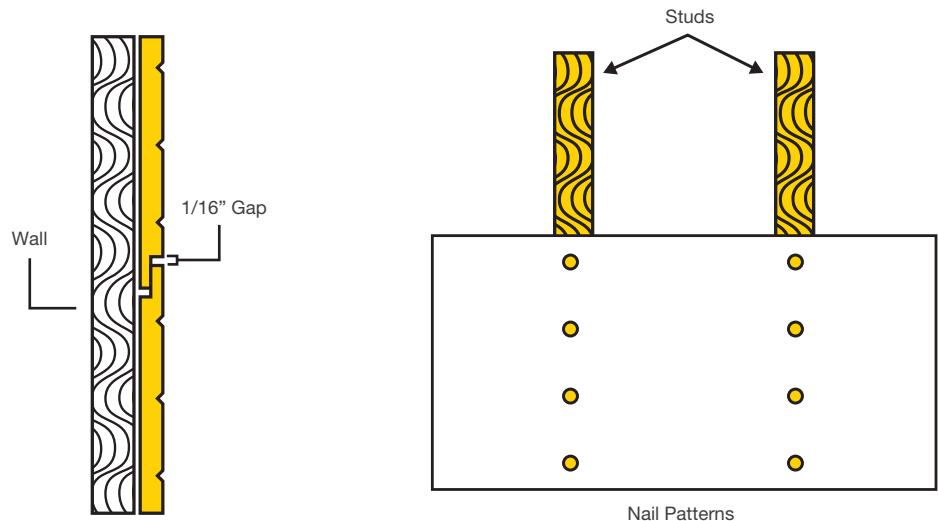
### Wainscoting panels

The number you need depends on the size of your room. To measure: Take the total linear footage of the room and divide by the width of the panels. Round up.

Top moulding or chair rail  
Construction adhesives  
Paneling nails

## Get Started

- 1 Bring the wood you'll be using into the room, so it can adjust to the temperature. Give it about 48-72 hours.
- 2 Remove any base moulding and outlet covers.
- 3 Establish a level line for the top of the panels. Measure up from the floor at desired height and mark it. Use a level as a straight edge and lightly draw a line around the room. **Tip!** Install Wainscoting left to right.
- 4 Find and mark stud locations from floor to just above level line using a bubble level as a "straight edge."
- 5 Start in a corner. Apply construction adhesive to the back of the panel and set it in place. The top of the panel should be flush with the level line on the wall and 1/16" from the adjacent wall.
- 6 Hold the panel in place and secure it with paneling nails. **Tip!** If the panel will cover an outlet, cut a hole for the outlet before installing. See the Plunge Cut Guide for details.
- 7 Install the second panel 1/16" from the first and flush with the level line.
- 8 Continue until you reach the end. The last piece will probably need to be cut to the proper width.
- 9 Measure and cut your top edge trim or chair rail. **Tip!** Try to have the trim joints break on a stud for solid nailing.
- 10 Use your choice of moulding for your inside corners.



### The Versacut difference

- Plunge cut precision.
- On-site cutting for less back and forth.



# New Sink

Cutting a sink hole in a counter with the all-in-one Versacut.

## Tools

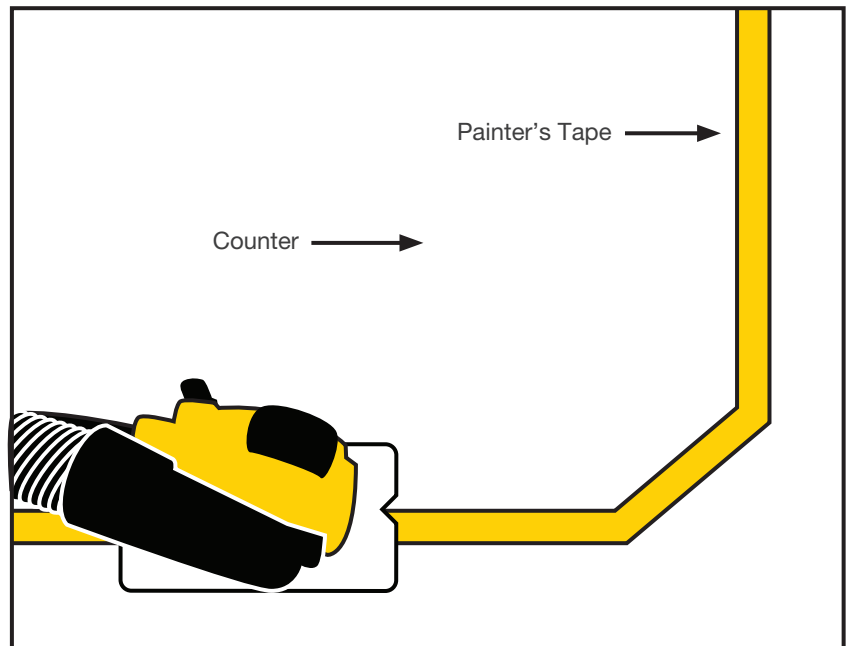
Versacut  
Sawhorses  
Tape measure  
Marker

## Material List

Counter  
Sink  
Painter's tape

## Get Started

- 1 Set the countertop on sawhorses, or in a Rockwell Jawhorse.™
- 2 Take the sink cutting template provided by the manufacturer and lay it on the counter top. Use the manufacturer's clearance recommendations to set the cutout template in exactly the correct position. **Tip!** Be sure to allow for faucets, backsplash, and counter overhang when marking the sink cutout.
- 3 Outline the cutout area.
- 4 Apply painter's tape to the area you will cut. Re-mark the cutout with the template.
- 5 Use the Versacut's plunge cut feature to cut out the sink opening. See the Plunge Cut Guide for details.
- 6 Dry-fit the countertop and faucet assembly on the vanity.
- 7 Check and make sure that the counter is level.
- 8 Tip up the counter and apply silicone all along the edges of the cabinet. Press the counter into place.
- 9 Install the sink and faucet according to the manufacturer's specifications.



### The Versacut difference

- Single-hand maneuverability helps you keep control of the materials.
- Stable plunge base makes cutting safer and easier.

# Tile Designs

Spur-of-the moment inspiration made possible with Versacut.

## Tools

Versacut  
Mortar trowel  
Tape Measure

## Material List

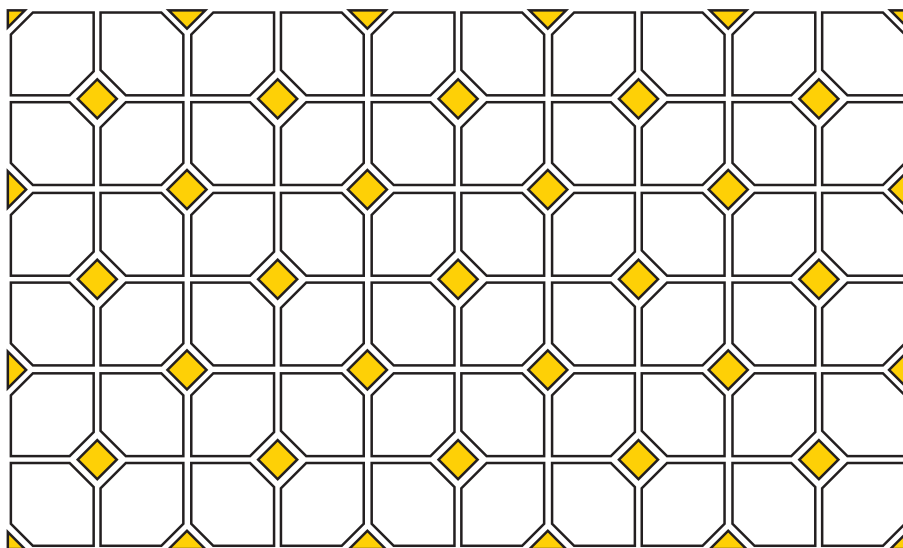
12x12 tiles  
4x4 tiles  
(The number depends on  
the size of your space)

Thinset mortar  
Grout  
Cement backer board  
Backer board screws  
or nails

**Tip:** Follow the  
manufacturer's  
recommendation for  
coverage when using your  
thinset.

## Get Started

- 1 Lay down the cement backer board. Put screws or nails in below the surface of the backer board. **Tip!** If you have plumbing, use Versacut's plunge cutting capability to cut holes in the backer board. See the Plunge Cut Guide for details.
- 2 Do a dry layout of the full 12x12 tile. Use spacers for grout lines. **Tip!** Never assume a room is perfectly square. Always square off from the center and begin pattern along one edge. Lay the 4x4 tiles rotated at 45 degrees. Mark corners of the 12x12 tile to be cut.
- 3 Use the diamond blade on your Versacut to cut off the marked corners of the 12x12 tiles.
- 4 Insert the smaller 4x4 tiles as a custom pattern.
- 5 Mix the thinset mortar mix with water. Look for a "peanut butter" consistency. It should stick easily and hold its shape.
- 6 Apply a thin set of mortar using the smooth side of a trowel. You can apply directly to the floor or directly to the tile. Use the notched edge to comb the mortar into ridges.
- 7 Check that edges of each new tile are level with the ones next to it as you lay the floor.
- 8 Allow 24 hours for the mortar to set. **Tip!** Don't walk on it! If the mortar isn't set all the way, you'll move the tiles with every step.



Lay the 4x4 tiles rotated at 45 degrees



### The Versacut difference

- Vacuum attachment minimizes the mess.
- Diamond blade gives you clean edges, perfect cuts.
- Lightweight design gives you more control of the materials.

# Shelving Design

Cut for a custom fit in any room, with Versacut.

## Tools

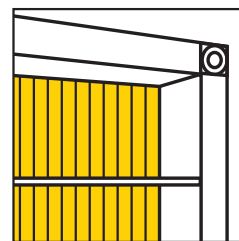
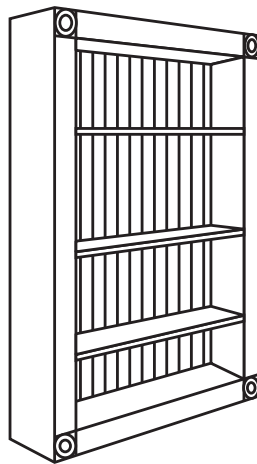
Versacut  
Framing square  
Stud sensor  
Measuring tape  
Nailset  
Hammer  
Cordless drill  
Level

## Material List

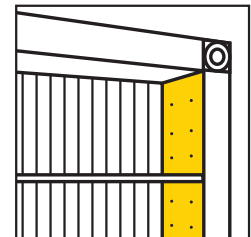
2 pre-drilled shelf sides  
2 pre-finished boards to match sides (top and bottom)  
3-4 pre-finished boards for shelves  
4 decorative molding caps  
4 pieces of decorative molding  
12-16 shelf clips (depending if 3 or 4 shelves)  
#6 finish nails (beadboard and trim)  
6 @ 1 3/4 screws (fasten shelf to wall)

## Get Started

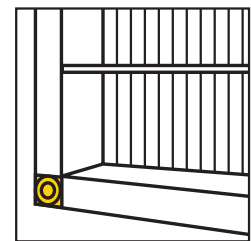
- 1 Use your Versacut! Cut the 2 side panels to length (with pre-drilled shelf clip holes).
- 2 Cut the top and bottom pieces to length.
- 3 Fasten the side pieces to the top and bottom.
- 4 Lay the box face down and measure the length and width for the beadboard backing.
- 5 Cut the beadboard to size with your Versacut.
- 6 Nail the beadboards in place. **Tip!** Hold the framing square tight on the outside to ensure the shelf box is square.
- 7 Stand the shelf box up and position in place. **Tip!** Is there an electrical outlet inside the shelf? Use the plunge cut action of the Versacut to create an opening. See the Plunge Cut Guide for details.
- 8 Fasten the shelf to the wall studs with the 1 3/4" screws.
- 9 Fasten the decorative caps at each corner.
- 10 Measure and cut the decorative molding to length and fasten with finish nails.
- 11 Measure the shelf length. Be sure to allow for the thickness of the shelf clips when you cut.
- 12 Set shelf clips and the shelves in place.



V4" Beadboard cut to size



Use predrilled shelvesides



Decorative Caps



### The Versacut difference

- Build it in the room it will stay—no heavy lifting.
- No dusty mess.
- Easily adapt the design to include an electrical outlet.



# Plunge Cut Guide

Make perfect plunge cuts with minimal over/under cutting.

## Tools

Versacut  
Tape Measure  
Carpenter's Pencil

## Get Started

- 1** Set Versacut to full depth-of-cut ( $1\text{-}1/16"$ ).
- 2** Mark where to finish the cut. Depending on the thickness of the material, measure and mark a line for that distance past the intended end of the cutline. Stop the cut when the front of the Versacut base reaches this marked line.
- 3** Mark where to start the cut. Depending on the thickness of the material, measure and mark a line for that distance behind the intended start of the cut-line. Start the cut with the back of the Versacut base aligned with this marked line.

