

R ROOMSCAPES

How-To Guide



FABRICATE A

Motorized Relaxed Roman Shade

R·TEC AUTOMATION®

Create a timeless look with this relaxed Roman shade design. Featuring three permanent folds at the bottom, this project blends classic styling with the modern ease of motorization.

ROWLEY PRODUCTS

ITEM

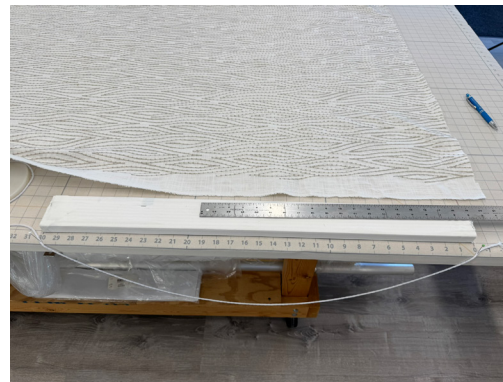
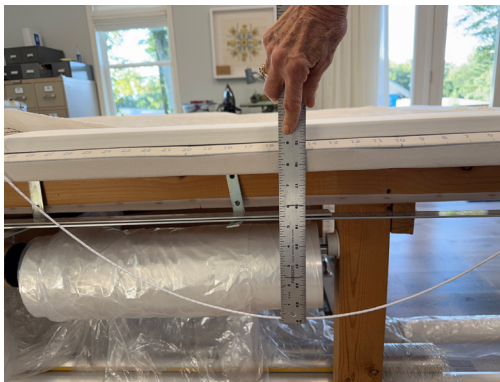
R-TEC Automation® Roller/Roman Shade Li-ion Battery Motor Starter Kit	RSRTA25L2C1WA
Flat Roman Shade Ribs	RSR13/6
3/8" Solid Steel Rod	BGR6/4
Hanes Fabrics Classic Sateen Lining, White	LN44/YD
Lead-Free Weights, Sausage Bead Weight, Fabric Covered	SW80
Glass Head Straight Pins	TP49
Professional Shears	CU24 or CU24/L
Upholstery Air Stapler	NS13LN
6" Wood Ruler	MR6
Cord Adjuster Orbs	RW19
Metal Sew-On Rings, Brass	ST16
Straight Edge Rulers	MR26

Planning

To create the arched “smile” for this shade, pin a length of weighted bead chain to your worktable, matching the desired finished width of your shade. For this project, we fabricated a 30" x 58" inside-mount shade.

Adjust the center of the chain to drop the desired amount for the curve (“smile”). Measure along the bead chain; this measurement will determine the width of the fabric at the bottom of the shade.

Video: Follow along with Donna Cash:



Overview

- The side seams of these shades are pillow-cased, meaning the face fabric and lining are stitched along the sides with a 1/2" seam allowance.
- To form the curve at the bottom, cut the bottom of the shade at an angle up to the position above the four permanent folds. The fabric width should be the shade width plus 1".
- Each permanent fold uses 8" fabric.
- The face fabric turns up 4" to the back of the shade.
- Flat Roman shade ribs are used for this project, starting above the tack points of the permanent folds.
- Cut the face fabric to the finished length of the shade plus 25" for the bottom folds and include enough extra to staple securely at the top of the board.



1. Cut and Sew the Shade Fabric & Lining

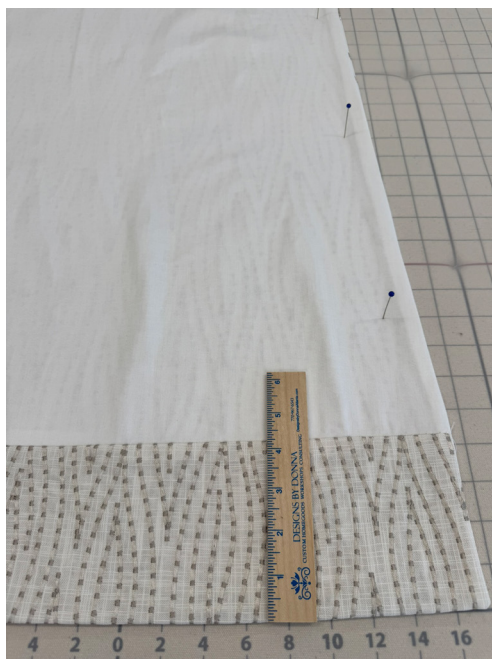
Cut the face fabric and lining according to your calculated Finished Length (FL). Seam if necessary. Place the face fabric and lining right sides together and pin along the edges.

Stitch a ½" Seam Allowance (SA) along the bottom edge.



2. Prepare Side Hems

Trim the bottom SA if needed. Place the fabric and lining on the worktable with the wrong sides together. Fold 4" of the face fabric to the back of the shade & press lightly.



3. Mark Fabric for Bottom Curve & Side Seams

Measure and mark the bottom of the shade for the curve ("smile") width plus side seam allowances. Mark the top portion of the shade above the permanent fold allowance.

Fold the shade fabric right sides together, pin the sides, and stitch a ½" SA.

4. Create Folds

Turn the shade right side out and press the side hems. Mark the back points for the shroud tube 2" from the outer edges of the shade.

Tack the bottom four tack points together to create 3 permanent folds.



5. Attach Shroud Tube

Tack the shroud tube to the back of the shade at each side, spacing tacks no more than 8" apart. Insert a flat Roman shade rib above each tack point.

6. Attach Weight Bar

Prepare and attach the weight bar just above the permanent folds.

7. Press Shade to the Finished Length

8. Wrap Dustboard

Wrap the dustboard with face fabric and secure using an Upholstery Air Stapler.

9. Assemble the Motorized Shade Tube

Using the components pre-packed in the R-TEC Automation® Roller/Roman Shade Li-ion Battery Motor Starter Kit assemble the motorized shade tube.

NOTE: Make sure to fully charge the motor for 6-8 hours before use.

Slide the crown onto the motor. *NOTE:* Make sure to line up the notch in the crown and on the motor head.

Slide the driver onto the end of the motor shaft. Then snap the drive retainer onto the motor shaft.

Insert the end pin and the assembled motor into the tube. Make sure to line up the tabs on the tube with the channels on the drive and crown.

10. Attach the Brackets & Shade to the Dustboard

Using a drill, attach the included brackets to the shade board. Snap the motor into the brackets.

Tie the lift cord to the tube clips. Mark the tube for clip placement and place clips on the shade tube.

TIP: Use two flathead screwdrivers to pry open the clips to easily place them on the tube.

Slip bracket covers onto brackets.

Video: Watch Donna Cash complete steps 8-10:



11. Program the Shade Limits

Locate the H button on the motorhead of the shade. This is used for programming. The first step is to pair the handheld remote to the shade motor. Next, check the direction of the motor. Change if necessary. Set the upper and lower limits. Set a favorite position. Lock the remote.

[R-TEC Automation® Li-ion Battery Motor Programming Instructions](#)

[R-TEC Automation® 6-channel LED Remote Programming Instructions](#)

Video: Watch the Shade in Action:

