

The Polyester Covering Process Explained

By Steve Ort

Materials

[Polyester China Silk Lining Fabric | Fabric Wholesale Direct](#)

[Mod Podge WMCS11301CA Sealer, Glue, and Finish, Matte Finish, Clear, 8 fl oz - Walmart.com](#)

[Randolph Nitrate Non-Tautening Clear Dope | Aircraft Spruce](#)

[A-1690 Butyrate Dope Non-Tautening \(Clear\) | Aircraft Spruce](#)

Tools

paint brush, scissors, razor blades, iron.

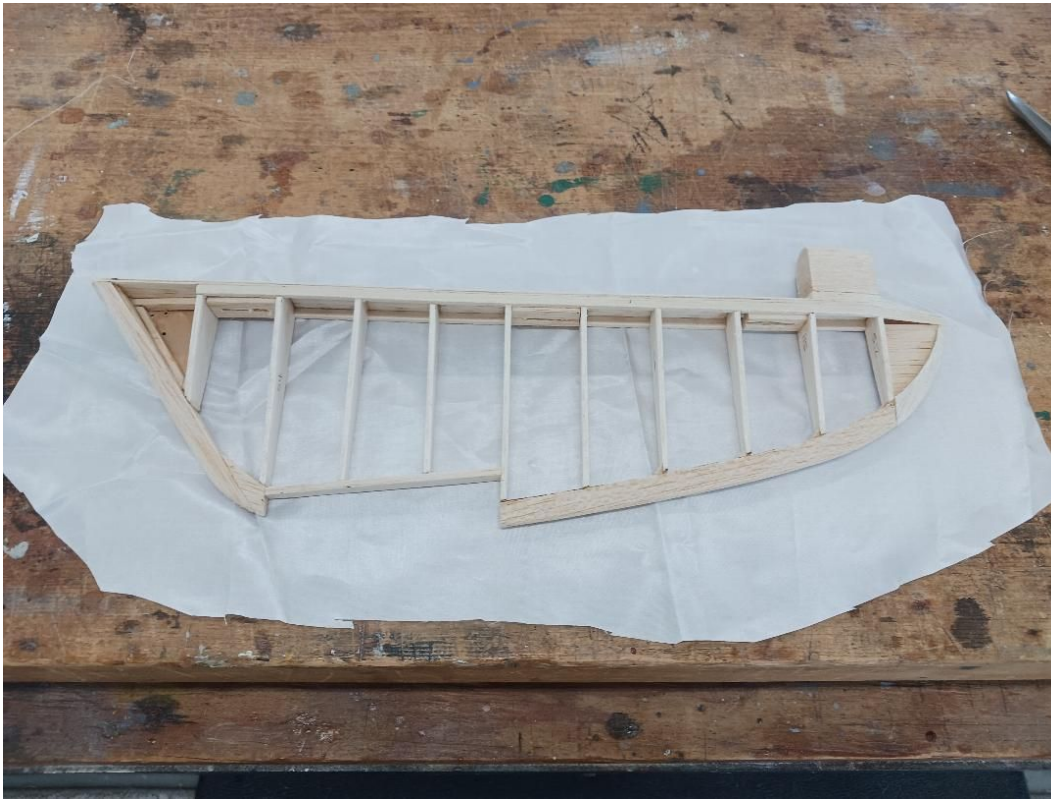


The Process

1. As usual, cover the bottom first, prepare your work by sanding as usual.
2. Apply the first coat on the perimeter of the part only, with Mod Podge brushed directly from the container. Note: do not coat the ribs or other internal parts, just the perimeter.
3. Allow to dry and lightly sand to remove any "fuzz" with 180-200 sandpaper.
4. Apply a second coat, dry and again lightly sand.



1. Cut the covering to fit your part allowing for some access.

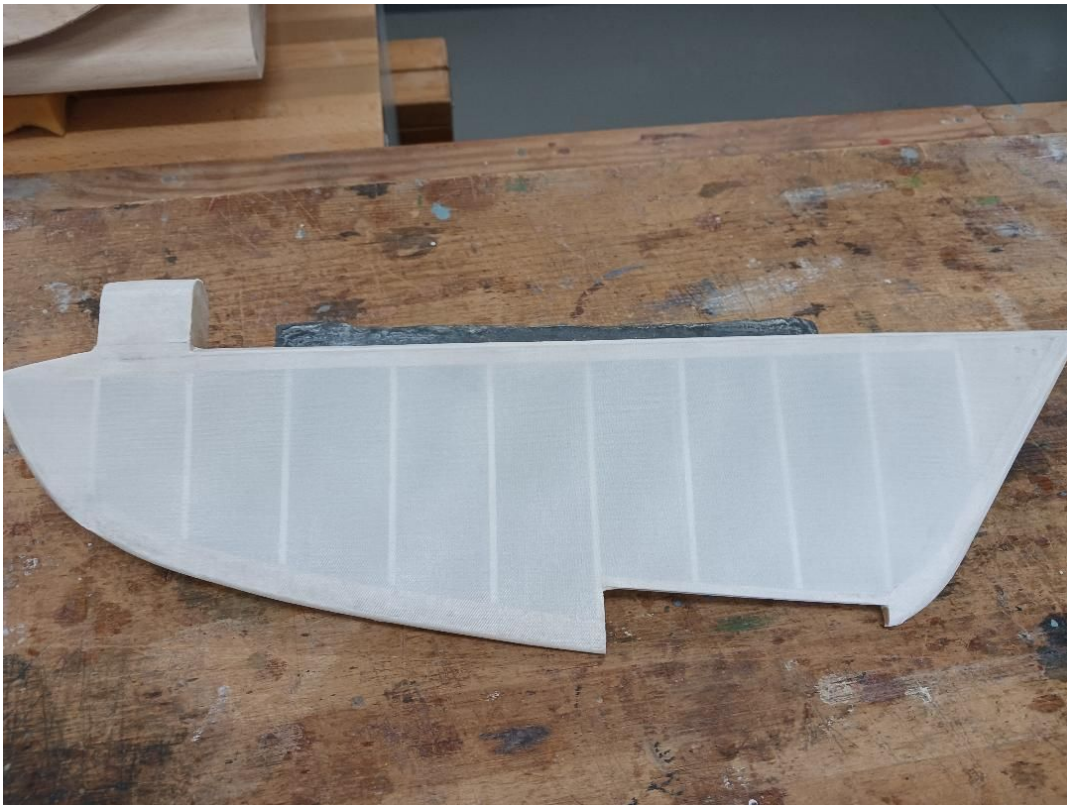


2. Iron the material to your part just as you would any other covering. Iron setting should be "hot" 300-325 degrees.





3. Trim with a razor blade. Covering with cloth material will consume several blades as it dulls them quickly.



4. Brush on two coats of Nitrate dope allowing each coat to dry, it dries quickly. Nitrate adheres the covering material to the structure.

5. Brush on two coats of Butyrate dope allowing each coat to dry, again it dries quickly. Butyrate begins to fill the weave of the cloth.

6. Prime and paint as you normally would.