

Instruction for application of Mylar Seals

1. Clean gelcoat with acetone thoroughly.
2. Sand the surface the width of the double sided tape with 220 grit sandpaper.
3. Clean gelcoat with acetone again.
4. Apply double sided transfer tape Tesa. DO NOT STRETCH. It must be straight. Everything must go down stress free. Rub down with metal spoon. Leave cover (non-adhesive) film in place for now
5. Sand the underside of the mylar the width of the doublesided tape. Clean underside of mylar with acetone.
6. Position Mylar where you want it. It must be absolutely stress free & straight. Hold in place with strips of electrical tape (gap seal tape) about 4 inches long every foot. The gap seal tape goes on span wise, more or less as you would anti-peel tape. The leading edge of the mylar must be exactly in line with the leading edge of the bonding tape.
7. Fold back the mylar on the hinge created by the gap seal tape, tape it with more gap seal tape to hold it folded back.
8. Remove protective film from bonding tape.
9. Work carefully from one end, "roll" the mylar into place on the gap seal tape hinge. The objective is to bring the entire bonding surface into very light, continuous contact. After the whole seal is lightly in contact, rub down with spoon.
10. Clean top side of mylar and just ahead on wing with acetone Apply Tesa safety tape. Do not stretch.

This all goes best on a minimum 70 degree day. Heat helps establish the bond. Warm things up with a hair dryer and rub down again.