



UV Smooth Prime - The Great Pinhole Filler

What is UV Smooth Prime?

UV Smooth Prime is a crosslinkable waterborne urethane. It is used on composite aircraft to protect the structural epoxy of your composite surface from harmful UV light. It also provides an easy-to-apply, sandable coating and fills pinholes in your composite surfaces. When used in conjunction with Superfil, these products give a marvelously smooth platform for your final 2-part epoxy and top coats. The result - a beautiful paint job!

How do I use it?

Smooth Prime may be applied with a foam roller. It's that easy. Follow the mixing instructions on the can. Apply 3 coats and allow it to dry. Sand it to get a reasonably smooth surface. Then apply 3 more coats either by roller or by spraying. Allow this to dry well and sand again gently until you have the level surface you desire.

After applying UV Smooth Prime....

Let it dry for 3 weeks. If you live in a cold, damp climate invest in a dehumidifier, buy or rent it. ALL WATER must be out of the UV Smooth Prime before it is over-coated. Next, you will need to seal the UV Smooth Prime with a 2-Part Epoxy Primer like Poly-Fiber EP-420 or Randolph Epibond Primer; both of these are available through us. Allow the epoxy primer to cure for 1 week.

What coatings do I use for my top coat?

Over your now epoxy primed and UV Smooth Primed surface apply a top coat urethane. Either Aerothane or Ranthane are ideal aircraft-grade top coat urethanes and will provide a beautiful, glossy finish. (In the event you use another manufacturer's 2 part epoxy primer, we recommend you use that company's top coat paint to maintain compatibility.)

How do I get my UV Smooth Prime?

UV Smooth Prime may be purchased directly through Aviaquip Pty Ltd