

## Painting Procedure For JAYBEAM Wireless Antennas

### SURFACE PREPARATION:

The surface of the PCSS and TRIO antenna is a fiberglass material and solvents should be avoided. Remove any dirt, oil or grease with a mild detergent and water. Scuff sand the antenna surface with a 180 grit sandpaper to remove any gloss. After sanding wipe the surface with a clean dry rag to remove all grit. The B800A, B800X, PCSA and PCSX antennas use a textured polystyrene cover and scuff sanding is not required. Clean the antenna with a mild detergent and water. Dry the surface with a clean dry rag. Mask off the antenna connectors to protect from primer and paint.

### PRIMER APPLICATION:

The recommended primer is *Sherwin Williams DTMBondinR Primer #B66A50*. The primer may be applied by BRUSH, ROLLER, CONVENTIONAL or AIRLESS SPRAY. For brush application use a Nylon or Polyester bristle. For roller application use a 3/8" Woven Nap with Phenolic Core. For airless spray use 2400 psi pressure min., .017"-0.019" tip, 60 mesh filter and 1/4"-3/8" hose. For conventional spray use Binks 62 gun, 66 Fluid Nozzle, 63 PB Air Nozzle, 60 psi atomization pressure and 25 psi fluid pressure or equivalent equipment. The Primer may be reduced using water up to 1 pint per gallon as necessary. Apply the primer to a thickness of 4.5-12.0 Wet mils / 2.0-5.0 Dry mils. Clean-up of Primer can be done with soap and water. Drying times are shown below but are temperature, humidity and film thickness dependent. (Times are at 50% RH @ 8 mils wet / 3.5 mils dry thickness)

	<u>@ 50 deg. F</u>	<u>@ 77 deg. F</u>	<u>@ 120 deg. F</u>
To Touch	60mm.	40mm.	20mm.
Tack Free	6 hrs.	4 hrs.	2 hrs.
To Recoat	8 hrs.	4 hrs.	2 hrs.

### TOP COAT APPLICATION:

The recommended top coat (paint) is *Sherwin Williams DTMAcrylic CoatinR #B66 Wi 00 - Series*. The top coat may be applied by BRUSH, ROLLER, CONVENTIONAL or AIRLESS SPRAY. For airless spray use 1500 psi pressure, .017"-0.021" tip, 60 mesh filter and 1/4" I.D. hose. For conventional spray use Binks 18 gun, 66 Fluid Nozzle, 63 PB Air Nozzle, 50 psi atomization pressure and 15-20 psi fluid pressure or equivalent equipment. The Paint may be reduced using water up to 1 pint per gallon for conventional spray. For brush, roller or airless spray use paint full body. Clean-up of Paint can be done with soap and water. Drying times are shown below but are temperature, humidity and film thickness dependent. (Times are at 50% RH @ 8 mils wet thickness)

	<u>@ 50 deg. F</u>	<u>@ 77 deg. F</u>	<u>@ 120 deg. F</u>
To Touch	1.5 hrs	1 hr.	0.5 hrs.
Tack Free	6 hrs.	4 hrs.	2 hrs.
To Recoat	6 hrs.	4 hrs.	2 hrs.
To Cure	30 days	30 days	30 days

*The information stated here pertains to the material currently offered and represent the results of tests believed to be reliable. Published technical data and instructions are subject to change.*