



JMA Wireless

PAINTING OPTIONS

JMA Wireless uses a BASF polymer for our antenna radomes. This material has the properties needed for long term protection of the internal antenna structure while not impacting the antenna's RF performance. The material is paintable if the procedure below is followed.

Please note the antenna has vent holes located at the bottom of the radome which allow proper ventilation & condensation drainage. Care should be exercised to prevent blocking these holes during the painting process. Also note the silicone sealant used to prevent moisture ingress along the radome edges is not paintable & therefore the sealed surface & metal housing should not be painted.

BASF provides the following instructions. BASF recommends a two coat paint system to be used, a base coat using Diamont product #DS 30, Urethane sealer and a top coat BASF Diamont product "Solo" single stage Urethane top coat applied as follows:

- A. Lightly sand the surface with Scotch Brite.
- B. Apply BASF Diamont product #DS 30 two component Isocynate Urethane Sealer.
- C. After 30 minutes, while the coat is still semi-wet, apply BASF Diamont "Solo" single stage Urethane top coat.
- D. For high gloss, apply a second clear coat.

Use caution to avoid any paint or surface preparation products from contacting the RF connectors. Any foreign material in this area may cause performance issues.

