



TowerPlex Tower Paint - Aviation Orange, Aviation White

Product Profile

A pure 100% acrylic emulsion coating formulated for use on galvanized antenna towers. The alkalinity of the vehicle will etch into zinc unlike ordinary enamels and form a chemical bond. This product dries quickly and has excellent weathering properties. It meets Federal Standard 595 color #17875 White and color #12197 Orange. This product also complies with National Bureau of Standards report NBS1R75-663 and F.A.A. A/C70/7460-1H. Consult your representative for specific job recommendations.

Technical Data

Finish: Low Gloss

Drying Time:

Temperature	To Touch	To Recoat
75° F / 55% R.H.	1 Hour	2 Hours

(Cooler temperatures and higher humidity will lengthen drying time)

Architectural and Industrial Maintenance Category:

Antenna Coatings

Maximum Allowable V.O.C.:

4.4 lbs./gallon (520g/l)

Actual V.O.C.:

.26 lbs./gal. (31g/l) (.68 lbs./gal. minus water + exempt materials)
- varies by color

Theoretical Coverage:

588 sq. ft./gallon @ 1 mil dry, assuming no application losses. Coverage will vary depending on the color, surface texture and application technique.

Storage Temperature:

Minimum 35° F / Maximum 110° F

Surface Preparation

New Galvanize: Must be dry. Clean all oil, grease, or other contaminants in accordance with SSPC-SP1 standards. For maximum performance and when feasible, if spangle is present it is recommended to brush blast to gray galvanize or etch with hydrochloric acid until weathered gray appearance is reached. Follow with clear water rinse until surface is free of blast or etch residue. Note: when blasting or etching use caution to avoid removing excess zinc metal.

Existing Towers: Must be dry. Spot prime all rusted areas and remove any contaminants including chalk, dirt, grease, failing paint, etc. Prior to application, prepare substrate in accordance with SSPC-SP1 standards. On unpainted surfaces, clean contaminants such as dirt, white Zinc oxide, etc. and spot prime rusted areas.

Primer Coat

In-service towers: Spot prime rust areas with #CC2925 Acrylic Bonding Primer.

New Galvanize: Self-Priming or #CC2925 for maximum performance.

Application

Mixing:

Stir thoroughly, making sure no pigment remains on the bottom of the can.

Thinning:

Thin with water only if necessary up to one pint per gallon.

Surface Temperature:

Minimum 50° F / Maximum 110° F

Application Equipment:

- Airless Spray
 - Pressure: 1800-2400 psi
 - Tip: .015"-.017"
- Conventional Spray
 - Air Pressure: 40-70 psi
 - Fluid Pressure: 10-20 psi
 - Brush: Use high quality synthetic or nylon bristle brushes.
 - Roller: Use 1/4" lambswool covers.

Cleanup: Use soap and water.

Application Considerations:

Apply by brush, mitt, roller, or spray. When the temperature is above 90 F make sure that full wet coats are applied, overlapping each pass 50% to avoid dusting. Material can freeze. Avoid applying when overnight freeze or rain is possible. Coverage will vary depending on surface texture, equipment in use, application methods, and experience of the applicator.

Number of Coats:

Two finish coats recommended over one coat of primer for maximum performance and when feasible. Apply at 4.5 wet mils / 1.7 dry mils per coat.

Limited Warranty

The technical data on this label or on other data is true and accurate to the best of our knowledge. We guarantee our products to conform to manufacturer quality control standards. Due to misuse in handling, storage, application and workmanship or variables such as weather or surface integrity that are beyond our control, manufacturer does not authorize any representative to make any warranty or merchantability of fitness of this product. Any liability whatsoever of manufacturer to the buyer or user of this product is limited to the purchaser's cost of the product itself.

CAUTION Avoid prolonged contact with skin or breathing spray mist. Do not take internally. Close container after each use.
Keep Out of Reach of Children