

TECHNICAL DATA SHEET

PRODUCT NAME: AirDefender – Anti Fungal, Anti Mildew Direct to Metal (DTM) Coating in White & Colors.

PRODUCT FEATURES: Contains EPA registered anti-microbial additives. Prevents long term spread of microbes, mildew and fungus. Water-base, Non-Flammable, Extremely Tough, Very Durable, Eco-Friendly safe paint. Formulated with special blends of acrylic resins to adhere extremely well to most surfaces including unprimed metal surfaces including galvanized metal surfaces and even to previously applied baked-on coatings.

RECOMMENDED USES: All metal surfaces, including galvanized metal, cold rolled steel and stainless steel. AirDefender can also be applied over previously painted surfaces. Not only as a DTM coating but this paint has also performed well as a general purpose, yet extremely tough interior and exterior architectural coating.

SURFACE PREPARATION: Substrates must be dry and free of dirt and grease and loose debris. Please get an expert opinion before spraying hard to stick surfaces, or over catalyzed paints or for problematic conditions.

APPLICATION EQUIPMENT: Roller, Brush or conventional spray equipment. No thinning of paint needed. Each paint has its own thickness and viscosity which can be further affected by temperature.

APPLICATION CONDITIONS: Substrate temperature should be above 50 deg. F and less than 80 % humidity. Intra-day Cold temps or high humidity will affect the proper chemistry of the paint dry mechanism and could lead to paint failure. It is imperative all proper applications conditions are met. Protect lines till completely dry.

STORAGE & WASTE DISPOSAL: For professional use only. Keep water based paints from freezing. Keep away from children. Proper agitation and mixing of paint is imperative to ensure proper spray consistency, application results and performance. Make sure lids are properly closed and resealed properly to avoid any spillage during prep work or transportation. Strictly comply with all local and federal regulations during storage, application and disposal of paints.

SPECIFICATION DATA

Resin Type: Acrylic Latex co-polymer.	Weight per Gallon: 10.0 – 10.2
Container: 1 gallon cans, 5 gallon buckets or 55 gallon drums.	Pigment Weight : 40 – 45 %
Color: White, Black, Yellow, Gray, Custom Colors or Clear.	Grind: 5 Hegman minimum.
Viscosity: 80 - 90 KU. No thinning of paint needed.	Volume Pigments: 25 – 30 %
Finish: Semi-Gloss	Dry Opacity: 5 mils Bird, .92 , min.
Weight Solids: 52 - 55 %.	Directional Reflectance: 85 min.
Volume Solids: 50 % minimum	Water Resistant: Good.
Volatile Organic Compounds: 250 gms / lit.	Clean-up: With soap and water
Drying Time: at 77 deg. 50 % RH, maximum 10 minutes.	Flash Point: Non-Flammable.
Coverage: 250 – 300 square feet per gallon.	Storage: Protect from Freezing.

Disclaimer: There are no warranties which extended beyond the information in the TDS. TCC warrants this product to conform to its own specifications. Manufacturer's liability on this warranty is limited to the return of the purchase price of this product. The buyer assumes all risks and liability resulting from the use of this product. USSC neither assumes nor authorizes any person to assume for it any other liability in connection with the sale or use of this product. Request a MSDS if needed.