



WATERBORNE GLOSS ENAMELS

Custom Formulated Product Numbers

PRODUCT PROFILE

General Description

This acrylic emulsion coating provides fast air dry time, good humidity resistance, excellent salt spray and corrosion resistance. This coating has excellent gloss and color retention, resistance to chalking, staining, and dirt pickup.

Common Usage

Anchor Waterborne industrial enamels are designed for equipment, machinery, and metal structures with excellent adhesion to steel.

Color

Custom Formulated to Customer Specifications.

Finish

High Gloss

COATING SYSTEMS

Primer Coats

For maximum performance, use Anchor #2722 Waterborne Rust Inhibitive Primer or #B-7911 Gray High Solids Alkyd Primers. However, some situations may allow for this product to act as a Direct-to-Metal coating. Consult your Anchor representative for specific job recommendations.

SURFACE PREPARATION

Apply only over clean, dry and properly cured surfaces that are free of form release agents, cutting oils, dirt, grease, loose foreign matter and frost. The substrate shall be thoroughly degreased in accordance with SSPC-SP1 standards. All burrs should be removed and sharp edges or rough weld seams should be ground down. All rust and mill scale should be removed as required by SSPC-SP6 surface preparation.

TECHNICAL DATA

Volume Solids

30.00% (Varies by Color)

Recommended Thickness

1.6-2.0 mils dry per coat. Two coats recommended.

Drying Time

<u>Temperature</u>	<u>To Touch</u>	<u>Tack-Free</u>	<u>To Recoat</u>
75 F / 55% R.H.	1 Hour	2.5 Hours	4 hours

However, very rapid cures can be obtained by force drying or baking the coating. (Cooler temperatures and higher humidity will require a longer cure time.)

Architectural and Industrial Maintenance Category

Non-Flat Coatings, Exterior

Maximum V.O.C.

3.2 lbs./gallon (380g/l)

Actual V.O.C.

.58 lbs./gal.(70 g/l) (1.75 lbs./gal. minus water + exempt materials)-varies by color

Theoretical Coverage

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

Packaging

55 Gallon drums, 5 Gallon pails, and 1 Gallon cans

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Storage Temperature Minimum 35 F Maximum 110 F

Physical Properties
Abrasion- Excellent
Corrosion- Excellent
Weather- Excellent
Color- Excellent, very resistant to fading
Submersion- Not Recommended

Health & Safety Refer to the product label itself and your Anchor representative concerning a Material Safety Data Sheet for complete information on this product.

APPLICATION

<u>Coverage Rates Per Coat</u> (Varies by Color)	<u>Dry Mils</u>	<u>Wet Mils</u>	<u>Sq.Ft./ Gal.</u>
<u>Suggested</u>	1.8	6.0	267
<u>Minimum</u>	1.6	5.3	301
<u>Maximum</u>	2	6.7	241

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

Thinning Thin with water, only if necessary.

Surface Temperature Minimum 50 F Maximum 90 F

Application Equipment
Airless Spray Pressure 1800-2400 psi.
Tip .015"-.019"
Conventional Spray Air Pressure 60-80 psi.
Fluid Pressure 10-20 psi.

Cleanup Use soap and water.

Application Considerations Spray recommended. Do not apply when overnight freeze, rain or dew is forecast. NOTE: During conditions of high humidity or moist air, allow for a much longer cure time. Warm air, moving over the substrate, will promote drying and improve cure time when less than optimum application conditions exist. On a derusted surface the application of a dry film thickness of at least 2 mils is recommended.

LIMITED WARRANTY

The technical data on this data sheet is true and accurate to the best of our knowledge. We guarantee our products to conform to ANCHOR PAINT MFG. CO. 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, Anchor Paint does not authorize any representative to make any warranty or merchantability of fitness of this product. Any liability whatsoever of Anchor Paint Mfg. Co. to the buyer or user of this product is limited to the purchaser's cost of the product itself.