

ALL THE PERFORMANCE. NO COMPROMISE.



YOU'VE NEVER SEEN H2O THIS GOOD.

AquaLite™ 72 Line Waterborne Alkyd Enamel is a state-of-the-art, ultra-low VOC, direct-to-metal, waterborne coating for high-volume applications. Trusted by OEMs, the one-component, proprietary-technology, waterborne baking enamel is easy-to-apply, does not require major adjustments to current paint lines, is fast drying, and delivers durability, corrosion protection, and performance as good as - or better - than solvent.

- Direct-to-Metal, Fast Dry, Low VOC
- Excellent Color & Gloss Retention
- Durable, Long Lasting & Corrosion Resistant
- Doesn't Require Major Adjustments to Current Paint Lines
- Easier Cleanup; Greener Waste Stream
- Easy-to-apply with High Transfer Efficiency
- Available in Any Gloss Level & Textures; No Re-coat Window

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We have been able to paint twice as much per day since switching from solvent over to AquaLite Waterborne 72 Line.

- GM,
Propane Tank Manufacturer

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Customizable Color
& RAL Colors



Quick
Turnaround



Sustainable
Formula



Field & Technical
Support

TECHNICAL DATA BULLETIN

Product Code: 72 Line Direct-to-Metal

Product Name: AquaLite™ Direct-to-Metal (DTM) HAPs Free, Water Reducible, Air/Force Dry Enamel

Description:

- We designed this product line for air dry or force dry applications, which require exterior durability and corrosion resistance.
- Extensive experience with a variety of applications and exposure areas, as well as Florida exposure testing, proves that this product line meets or exceeds the requirements of most industrial applications for exterior durability.
- This product line can be formulated for interior use (lightfastness). For galvanized steel, the user should test the 72 Line coating over their particular type of galvanized substrate to verify exterior durability.

Application:

- Product must be applied over a properly prepared substrate.
- Product is designed for spray application with air or airless equipment. Paint source must be isolated when using electrostatic systems.
- Stir before using to disperse solids.
- Reduce with tap water to the optimum spray viscosity for the specific equipment used.
- Product should not be applied when temperature of substrate or paint is below 40° Fahrenheit, or when substrate temperature is less than 5° Fahrenheit above dew point.
- Tack free time is usually 10-30 minutes, depending on air movement, humidity, and gloss.
- Expect slower tack free time in high humidity environments.
- Thick films, above 2 mils, when applied and cured as one application, dry more slowly and should be avoided.
- Product can be applied over preheated substrate.
- This product can be force cured in the range of 30 minutes at 150° Fahrenheit. Film is handleable and will continue to cure by oxidation.

Storage – Package Stability – Clean-up

- A six-month shelf life is obtained under normal temperatures.
- Do not allow product to freeze.
- Clean with a water/aqueous ammonia mixture.

Fire Hazard:

- Set flash points of AquaLite paints (ASTM D-3278) are above 200° F. Usually they are above the 230-degree limit of the Setaflash Tester. It has been determined that waterborne paint is self-extinguishing under field conditions and does not present a fire hazard. For further information, see Scientific Circular #804 by Factory Mutual Research Co., "Evaluation of Fire Hazard of Water Borne Coatings".

Liquid Coating Properties:

Property:	Result:
VOC as supplied (lbs/gal)	1.20 – 1.50
VOC sans water (lbs/gal)	2.70 – 3.0
Gallon Weight	8.5 – 10.0
Weight Solids	35% +/- 2%
Volume Solids	25% +/- 2%
Viscosity #4 Zahn @ 77°F	25"-30"

Cured Film Properties At 1.2 mils Dry Film Thickness over Bondrite 1000

Test:	ASTM	Result:
Color	CIE LAB	ΔE <= .5
Specular Gloss	D523	As specified
Hardness	D3363	3H
Adhesion, Dry	3359 Method B	5B
Impact Direct	D2794	100 in/lbs
Humidity	4585	500 hours
Blistering	D714	None
Salt Spray	B117	500 hours
Creepage Procedure A	Rating 7 1/32" – 1/16"	1654 Method 1

Ideal For:

- Material handling; Warehouse racking
- Shipping equipment
- Fabricating shops/welding shops/sign companies
Anything manufactured from steel

Available in sizes ranging from five-gallon pails to drums and totes.

Supporting/Other Products in Product Range

High Performance H2O Red Oxide or Gray Shop Primers	High Performance H2O 2K Gray Epoxy Primer
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Technical services, advice and recommendations are rendered free. They are based on technical data which we believe to be reliable and are intended for use by persons having skill and know-how, at their own discretion and risk. We assume no responsibility for results obtained or damages incurred from their use by the Buyer in whole or in part.