

Crown Paint Company

HIGH PERFORMANCE WATERBORNE ENAMEL

PRODUCT DATA SHEET

DESCRIPTION: A premium **Waterborne Enamel** designed for industrial application over metal. The coating offers a unique resin system that contains rust inhibiting pigments to prevent early flash rust and excellent freeze-thaw stability.

USES: Primed or unprimed steel substrates including agricultural implements, heavy equipment, oilfield equipment, maintenance, valves ect.

TYPICAL PHYSICAL PROPERTIES

Gloss	70+ gloss/60 meter
Volume Solids	+38%
Theoretical Coverage	Wet Mils 5.0-6.0 mils
	Dry Mils 1.9-2.25
	Coverage 609 sq. ft. / gallon @ 1mil
Dry Times @ & 77 F	To Touch 12 minutes
	Recoat 10 minutes
	To handle 30 minutes

APPLICATION

Mixing	Thoroughly mix the paint until it becomes smooth and ready to apply.
Application Equipment	Airless (.015-.019 tip size), 2700-3000 psi
Application Temperature	Above 60 F, maximum humidity 75%. <u>Typical with all Waterbase coatings,</u> cold and/or wet weather will slow down the paint's drying. To maintain a reasonable drying cycle apply paint to warm metal (+ 77 degrees F) or maintain a warm shop temperature (above 65 degrees). If <i>wet paint</i> is exposed to temperatures below 45 degrees for prolonged periods of time before a film is formed it can adversely affect the long-term performance and adhesion of paint.
Surface Preparation	SSPC-SP2, SSPC-SP3 for normal requirements. Removal of all oil and mill scale is very important. Waterbase cleaners that leave a residue on surface and are not rinsed off can effect adhesion, color or gloss
Thinning	Not suggested. Note: To avoid over-reducing, when paint is cold and to achieve proper spraying viscosity, maintain paint temperature between 60-65F minimum
Clean-Up	Soap and water while paint is wet, dried paint requires thinner.