



ELECTROSTATIC SEMI-GLOSS ENAMEL V260

Features

- For metal only
- Durable hard finish
- Resists marring and scratching and delivers a lasting finish
- Pre-built and optimized solvent polarity requires no on site adjustments to produce effective electrostatic wrap during application

Recommended For

Properly prepared and/or primed ferrous and non-ferrous metals. Corotech® Electrostatic Alkyd Semi-Gloss Enamel is designed for use in the OEM, and refurbishment market for metal furniture, lockers, equipment, machinery, tools, doors, pipes and other fabricated pieces.

General Description

Electrostatic Alkyd Enamel is a quick-dry, rust-preventive paint that is applied only via electrostatic spray, with no need to adjust polarity. This high-performance formula is engineered for use on ferrous and non-ferrous metal in OEM and industrial refurbishing. It is also well suited for application to metal surfaces, such as furniture, lockers, machinery, tools, doors, and pipes. Compatible with most electrostatic spray equipment designed to spray product between 0.1 to 1.0 megohms (MΩ)

Limitations

- Not for use on floors.
- Not for immersion service.
- Do not topcoat with products such as solvent based epoxies or urethanes containing aromatic or oxygenated solvents.
- Do not apply if material, substrate or ambient temperature is below 50 °F. The relative humidity should be below 90%.
- Do not apply if within 5 degrees of dew point or if rain is expected within 12 hours of application.

Product Information

Colors — Standard:

Tintable White (86)

— Tint Bases:

Tintable White (86), Deep Base (87), Clear Base (88)
Tint with Industrial (844 Type) Colorants Only

— Special Colors:

Contact your retailer.

Certification & Qualifications:

The products supported by this data sheet contain a maximum of 400 grams per liter VOC / VOS (3.34 lbs. /gal.) excluding water & exempt solvents.

Suitable for use in USDA inspected facilities

VOC REGION	COMPLIANT
FEDERAL	YES
OTC	YES
OTCII	NO
CARB	YES
CARB07	NO
UTAH	NO
AZMC	YES
SCAQMD	NO

Technical Assistance

Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit www.benjaminmoore.com

Technical Data◇

Technical Data◇		Tintable White
Vehicle Type		Chain Stop Alkyd
Pigment Type		Titanium Dioxide
Volume Solids		46 ± 1.0%
Coverage per Gallon at Recommended Film Thickness		350 – 450 Sq. Ft.
Recommended Film Thickness	– Wet	3.5 – 4.6 mils
	– Dry	1.6 – 2.1 mils
Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.		
Dry Time @ 77 °F (25 °C) @ 50% RH	– Tack Free	20 Minutes
	– To Recoat*	1 Hour
	– Full Cure	7 – 10 Days

*Maximum Recoat: Unlimited

High humidity and cool temperatures will result in longer dry, recoat and service times.

Dries By		Oxidation
Viscosity		55 – 60 KU
Flash Point	80 °F (TT-P-141, Method 4293)	
Gloss/Sheen		Semi-Gloss (45 – 55 @ 60°)
Surface Temperature at Application	– Min.	50 °F
	– Max.	100 °F
Thin With		Do Not Thin
Clean Up Thinner		Corotech® V703 or Xylene
Weight Per Gallon		11.6 lbs.
Storage Temperature	– Min.	45 °F
	– Max.	95 °F

Volatile Organic Compounds (VOC)

392 Grams/Liter 3.26 Lbs./Gallon

◇ Reported values are for Tintable White

Electrostatic Semi-Gloss Enamel V260

Surface Preparation

The performance of this product is directly dependent upon the degree of surface preparation employed. All dirt, oils and accumulated salts must be removed prior to employing specific surface preparation methods.

Ferrous Metal: All rust and mill scale should be removed prior to application of this product. This is best accomplished by abrasive blasting. A minimum of SSPC-SP 6 Commercial Blast is recommended for severe environmental exposures. For mild conditions or small areas, the surface may be cleaned in accordance with SSPC-SP 2 Hand Tool Cleaning or SSPC-SP 3 Power Tool Cleaning or SSPC-SP 11 Power Tool Cleaning to Bare Metal. It is recommended that the prepared ferrous metal be primed for best corrosion resistance. Prime with V140 Alkyd Metal Primer or V131/V132 Universal Metal Primer.

Non-Ferrous Metals: Clean in accordance with SSPC-SP 1. Abrasive blasting in accordance with SSPC-SP 6 Commercial Blast Cleaning may be required to provide sufficient surface profile. The use of a primer on non-ferrous metals will be required. Prime with V110 Acrylic Metal Primer or V175 Waterborne Bonding Primer.

Previously Painted Surfaces: Clean thoroughly with V600 Oil & Grease Emulsifier. Dull glossy surfaces by lightly sanding. Remove sanding dust. Remove loose paint and rust. Prime any exposed bare metal.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

Mix the product thoroughly before application. The use of a drill mixer at low speed will best accomplish this.

Spray application only is recommended for this product.

This product is compatible with most electrostatic spray equipment designed to spray product between 0.1 to 1.0 megaohms. Pot pressure should be 5 to 25 psi, depending on desired finish.

NOTE: Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner. No reduction is necessary. Do not apply if material, substrate or ambient temperature is below 50°F (10°C). Relative humidity should be below 90%. Do not apply if within 5 degrees of dew point or if rain is expected within 12 hours of application.

For added gloss and hardness, Corotech® V705-90 Gloss & Hardness Catalyst can be added to the V260 at a rate of 1 pint per gallon of V260.

TEST DATA	
Flexibility (ASTM D1737)	Pass ¼" mandrel
Dry Heat Resistance	300 °F
Wet Heat Resistance	150 °F
Adhesion (ASTM D3359)	Pass 5B
Salt Fog Resistance (ASTM B117) Two coats over V140 Line Primer	500 Hours-Pass (Rating 10: Rust area: 0.00%)
Accelerated Weather (ASTM G53)	75% Retention after 500 Hrs
Abrasion Resistance (ASTM D4060)-CS10 Wheel	120mg loss after 1000 cycles
CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)	
Fresh Water	Excellent
Salt Water	Excellent
Acids	Good
Alkalis	Good
Solvents	Fair
Fuel	Fair
Acidic Salt Solutions	Good
Alkaline Salt Solutions	Good
Neutral Salt Solutions	Good

SYSTEMS RECOMMENDATIONS

COMPATIBLE PRIMERS

V110 Line, V1140 Line, V130 Line, V132 Line, V133 Line, V140 Line, V142 Line, V155, V150 Line, V160 Line, V163, V175, V180 and Other, Acrylic and Alkyd Primers

Clean Up

Clean with Corotech® V703 Xylene.

Environmental Health & Safety Information

DANGER!

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

Suspected of causing cancer

Suspected of damaging fertility or the unborn child

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Highly flammable liquid and vapor

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/ mist/ vapors/ spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/ bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/ protective clothing/eye protection/face protection.

Response: IF exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. In case of fire: Use CO₂, dry chemical, or foam for extinction.

Storage: Store locked up. Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents /container to an approved waste disposal plant.

DANGER – Rags, steel wool or waste soaked with the product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.



WARNING: Cancer and Reproductive Harm–

www.P65warnings.ca.gov

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

**KEEP OUT OF REACH OF CHILDREN
FOR METAL SUBSTRATE ONLY**

**Refer to Safety Data Sheet for
additional health and safety information.**