



QUICK DRY ACRYLIC SPRAY DTM V300

Features

- Ideal solution for factory jobs requiring minimal "dry to handle" time
- For wood, metal and masonry surfaces
- Hard scratch- and impact-resistant coating
- Recommended for machinery, tanks, factory equipment and more

Recommended For

Corotech® Quick Dry Acrylic Spray DTM is for interior and exterior use on Steel, Galvanized Steel, Aluminum, Masonry, Concrete, Wood Trim, Machinery, Plaster, Drywall, and Properly Prepared Ferrous and Non-Ferrous Metals for tanks, equipment and other fixtures.

General Description

Quick-Dry Acrylic Spray DTM is an extremely durable, UV-resistant, modified-acrylic enamel that provides superior adhesion and maximum durability. Formulated for interior or exterior use on a variety of surfaces, including ferrous and non-ferrous metal, concrete, masonry, wood, and drywall. Quick-Dry Acrylic Spray DTM can also be used in dry-fall applications. Spray application preferred.

Limitations

- Do not apply if material, substrate or ambient temperature is below 10 °C (50 °F). 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.
- Not for immersion service.

Product Information

Colours — Standard:	Technical Data◇	White
Clear (00), White (01), Bronzestone (62), Light Gray (71), Aluminum (78), Black (80)	Vehicle Type	Acrylic
	Pigment Type	Titanium Dioxide
— Tint Bases:	Volume Solids	40 ± 1.0%
Pastel Base (85), Tint Base (86), Deep Base (87), Clear Base (88).	Coverage per 3.79 L at Recommended Film Thickness	27.9 – 37.2 sq. m. (300 – 400 sq. ft.)
Tint with Universal Colorants Only	Recommended Film Thickness	– Wet 4.0 - 5.3 mils – Dry 1.6 - 2.1 mils
— Special Colours:	Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.	
Contact your retailer.	Dry Time @ 25 °C (77 °F) @ 50% RH	– Tack Free 15 Minutes – To Recoat 2 Hours – Full Cure 14 Days
Certifications & Qualifications:	High humidity and cool temperatures will result in longer dry, recoat and service times.	
The products supported by this data sheet contain a maximum of 100 grams per litre VOC / VOS (0.83 lbs/gal.) excluding water & exempt solvents.	Dries By	Coalescence
This product is compliant as an Industrial Maintenance Coating.	Viscosity	90 – 95 KU
Masters Painters Institute MPI # 114	Flash Point	18.6 °C (200 °F) or Greater (TT-P-141, Method 4293)
Meets requirements for SSPC Paint Specification #24	Gloss / Sheen	Gloss (85+ @ 60°)
Meets requirements for Federal specification TT-P-1511B	Surface Temperature at Application	– Min. 10 °C (50 °F) – Max. 32.2 °C (90 °F)
This product has been approved by CFIA (Canadian Food Inspection Agency) for use in Food Processing Facilities	Thin With	Water
	Clean Up Thinner	Warm, Soapy Water
	Weight Per 3.79 L	4.7 kg (10.4 lbs)
	Storage Temperature	– Min. 7.2 °C (45 °F) – Max. 35 °C (95 °F)
Technical Assistance:	Volatile Organic Compounds (VOC)	
Available through your local authorized independent Benjamin Moore® retailer. For the location of the retailer nearest you, call 1-877-711-6830, or visit www.benjaminmoore.ca	87 Grams/Litre	

◇ Reported values are for White. Contact retailer for values of other bases or colours.

Quick Dry Acrylic Spray DTM V300

Surface Preparation

Prior to painting any surface, area must be clean, dry and free of all grease, dirt, dust, oil and wax. Remove all loose and peeling paint by wire brushing, scraping or sanding. Fill holes and cracks and sand smooth. Dull glossy surfaces by sanding. Moderate to heavily rusted areas must be thoroughly cleaned and primed.

Ferrous Metal: Remove any active rusted areas according to the surface preparation instructions. Apply directly to properly prepared, ferrous metal surfaces. Additional protection can be attained by using a rust inhibitive primer. Apply one or two finish coats as needed.

For enhanced adhesion and durability, apply Corotech® Waterborne Bonding Primer V175 prior to top coating.

Non-Ferrous Metal (Galvanized & Aluminum): Galvanized steel normally comes from the mill chemically treated or passivated, to prevent white rusting or oxidation of the galvanized surface during the time it is being stored or shipped to the job site. Due to this, the surface must be thoroughly cleaned with Corotech® Oil & Grease Emulsifier V600 or solvent wiping in accordance with SSPC-SP1 prior to coating. Apply one or two finish coats as needed. For enhanced adhesion and durability, apply Corotech® Waterborne Bonding Primer V175 prior to top coating.

Wood Surfaces: Prime bare spots and new wood with a quality acrylic primer. Apply one or two finish coats as needed.

Plaster and Dry Wall: Prime new drywall and fully cured plaster with a quality acrylic primer. Apply one or two finish coats as needed.

Concrete Surfaces: Allow new concrete to age for a minimum of 30 days. New or old unpainted concrete should be etched with a muriatic acid solution and then rinsed thoroughly with water. Be sure to follow the manufacturer's instructions when mixing and using solution. (Protect skin and eyes by wearing rubber gloves and goggles.) Rinse surface thoroughly with clean water. Allow surface to dry completely before coating. Old painted concrete should be sanded. Prime with a quality acrylic primer. Apply one or two finish coats as needed.

Glossy Surfaces: Glossy surfaces must be deglossed to obtain a surface profile prior to coating. The preferred method is thoroughly sanding the surface area. Areas that cannot be properly deglossed should be primed with Corotech® Waterborne Bonding Primer V175 prior to finish coating.

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 logging onto Health Canada @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>

Application

Mix the product thoroughly before application. The use of a low speed drill mixer is recommended. Thin with Water only.

Airless Spray (Preferred Method): Tip range between .015 and .019 Total fluid output pressure at tip should not be less than 2400 psi.

Air Spray (Pressure Pot): DeVilbiss MBC or JGA gun, with 704 or 765 air cap and Fluid Tip E.

Brush: Synthetic Bristle only.

Roller: Short Nap Cover: Less than 12.7 mm (½").

NOTE: Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner. Do not apply if material, substrate or ambient temperature is below 10 °C (50 °F). 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.

TEST DATA	
Pencil Hardness	2B
Flexibility (ASTM D1737)	Pass 3.175 mm Mandrel
Dry Heat Resistance	65.6 °C (150 °F)
Wet Heat Resistance	51.7 °C (125 °F)
Adhesion (ASTM D3359)	Pass 5B
Salt Fog Resistance (ASTM B117) 150 Hours (2 coats Over V110)	Rust Breakthrough: 10 Rating Rust Area: 0.01%
Exterior Exposure – 45 degrees/South Florida	100 mg Loss
Gloss Retention	80% or better

CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)	
Fresh Water	Excellent
Salt Water	Good
Acids	Fair
Alkalis	Fair
Solvents	Not Recommended
Fuel	Not Recommended
Acidic Salt Solutions	Fair
Alkaline Salt Solutions	Fair
Neutral Salt Solutions	Good

SYSTEMS RECOMMENDATIONS	
COMPATIBLE PRIMERS & INTERMEDIATES	
V132 Line, V142 Line, V155, V150 Line, V160 Line, V110, V175 and Other Acrylic and Alkyd Primers	
For substrates other than listed above, or for usage in severe environmental conditions, please consult with Corotech® Technical Service.	

Clean Up

Clean with warm, soapy water.

Environmental Health & Safety Information

WARNING!

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling. Refer to Safety Data Sheet for additional health and safety information.

CAUTION: All floor coatings may become slippery when wet. Where non-skid characteristics are desired, a small amount of clean sand may be added. Stir often during application.

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 PROFESSIONAL USE ONLY
KEEP FROM FREEZING**

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