



AQUAGARD 8000 ACRYLIC FINISH COAT

DESCRIPTION	AquaGard 8000 is a single component acrylic finish coat that uses potable water for thinning and clean up. It contains no lead or chromium pigments, has a low V.O.C. content and is non-combustible with no lower explosive limit. AquaGard 8000 is a user friendly product that does not contribute to hazardous waste disposal problems. It is available in a wide color selection.
FIELD OF APPLICATION	AquaGard 8000 is ideal for use as an environmentally friendly finish coat where long term flexibility, gloss and color retention are required. It may be applied over AquaGard 7100 waterborne Vinyl, UltraGard 201 All season Epoxy or used as a refresher finish coat over intact solvent based and waterborne coating systems after all surface contamination has been removed. AquaGard 8000 is an excellent choice for a finish coat on ships and crew boats above the deep load line, offshore structures above the splash zone, storage tanks and many other locations where a urethane coating would normally be specified.
SERVICE CONDITIONS	AquaGard 8000 will withstand continuous dry heat of 200°F. Do not apply to damp surfaces or put into immersion service. The color may change as these limits are approached, but the film will remain intact. AquaGard 8000 is highly resistant to light industrial fumes and chemicals.

TECHNICAL DATA

TYPE	Acrylic
VOLUME SOLIDS	40% Varies slightly with color
V.O.C.	1.8 lb/gal (218 g/l), excluding water. Varies slightly with color.
DENSITY	10.1 lb/gal (1.2 kg/l) Varies slightly with color
COVERAGE (Theoretical)	641 sq ft/gal at 1 mil dry (2.5 mils wet) 15.8 sq m/l at 25 microns dry (63 microns wet) 214 sq ft/gal at 3.0 mils dry (7.5 mils wet) 5.3 sq. m/l at 75 microns dry (188 microns wet)

NOTE: When figuring practical coverage, allow for application losses, surface irregularities, any solvent addition, etc.

RECOMMENDED DRY FILM THICKNESS

3.0 mils (75 microns) Lighter colors may require more dry film thickness or two coats to achieve optimum hide.

Manufacturers of Quality Protective Coatings
Esgard, Inc. 515 Debonnaire Road Scott, Louisiana 70583 U.S.A.
(337)234-6327 Fax (337) 234-0113 1-800-888-2511

www.esgard.com



DRY TIME @ 3 MILS	To touch:	1 Hour
DFT, 80EF (27EC)	To recoat	24 Hours
65% R.H.	Final cure	7 Days

NOTE: Allow longer drying times under cooler or more humid conditions. At 80°F(27°C), AquaGard 8000 will withstand rain after 3 hours dry time.

SURFACE PREPARATION

Remove any contamination with a detergent wash followed by a fresh water rinsed and allow drying in accordance with SSPC-SP1-82. Apply over clean, dry, properly primed or prepared ferrous and galvanized metal, aluminum, and masonry surfaces. For application over existing coatings, dull all glossy areas by sanding or other methods. On polyurethane coated areas, it may be necessary to apply a primer tie coat to ensure that proper adhesion is achieved. A test patch is always recommended to check adhesion to existing coatings.

APPLICATION CONDITIONS

Equipment that sweats must be taken out of service for at least 24 hours following application of AquaGard 8000 to prevent blistering. Do not apply if the surface, coating or ambient temperature is below 50°F (10°C). In addition, the surface temperature should be a least 5°F (3°C) above the dew point. Relative humidity should not be greater than 85% during application.

APPLICATION

Mix - Thoroughly stir with a power mixer to insure all pigment is suspended.

Thin - Thinning is normally not required for spray application. However, up to 6 oz. of potable water per gallon may be added for brushing and rolling or special conditions.

Spray - Use suitable conventional or airless spray equipment. Flush equipment with potable water prior to use. The following equipment has been found to be adequate.

Conventional: Pressure pot should have an oil/water trap, double regulators, and minimum 3/8" I.D. fluid and air hose. Gun should be a DeVilbiss with an "E" tip and #78 air cap, or Binks with #66 set up.

Airless: Use Graco Bulldog 30:1 or equal with Teflon packing and minimum 3/8" I.D. fluid hose stainless steel .411-.413 fluid tip and a stainless steel airless spray gun such as a Binks 700 or equal. Fluid tip pressure should be 2400-2600 p.s.i.

Brush - Apply AquaGard 8000 with clean quality paint brush.

Roll - Apply AquaGard 8000 with a quality short nap (3/16" - 1/4") roller with a woven pile and phenolic core. A solvent resistant foam roller provides an excellent finish.

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NOTE: Multiple coats may be necessary to obtain proper film thickness as brushing and rolling tends to push material thinner than required.
POT LIFE Not applicable. Unused material may be put back into original container. The addition of a slight quantity of potable water to container before sealing will retard any tendency to "skin over".

CLEAN UP Clean equipment immediately after use with soapy water. Do not use hot water. Dried film on the spray gun may be cleaned with Thinner 103 or MEK. For personal cleanup, use soap and water.

ORDERING INFORMATION

CONTACT # 1-800-888-2511

SHIPPING WEIGHT		<u>1 GAL</u>	<u>5 GAL</u>
	AquaGard 8000	11.0 lb (5.0 kg)	55.0 lb (25.0 kg)

FLASH POINT 201°F (94°C)

COLORS Wide color selection. Custom colors on request.

SHELF LIFE Twelve (12) months from date of shipment.

CAUTION **FOR INDUSTRIAL USE ONLY! PROTECT FROM FREEZING.** Close container after use.

SAFETY Refer to Material Safety Data Sheet supplied with each order.

FIRST AID Refer to Material Safety Data Sheet supplied with each order.