



PRODUCT GUIDE: WATERBORNE TOPCOATS

Version: 08.07.17



Eagle Bridges-Marathon

SERVING THE SOUTH WITH FLYING COLORS

EAGLE BRIDGES PRODUCT DATA

PRODUCT: CONTAINER GUARD QD BLACK

PRODUCT: 4886-02

DESCRIPTION: CONTAINER GUARD QUICK DRY (QD) is an air-drying, water reducible enamel that is formulated to have good exterior weathering characteristics and maintain color and gloss properties for an extended period of time. It is designed to give one of the fastest dry to handle times of any commercially available Water Reducible products. It can be applied direct to metal or over a variety of primers.

PROPERTIES	APPLICATION
VISCOSITY: 92 – 95 KU'S	PREPARATION: Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching
POUNDS PER GALLON: 8.37 (+/-) 2%	TYPE OF APPLICATION: Brush, Roller, Conventional or Airless Spray.
GLOSS: 95 PLUS	REDUCTION: As needed (use sparingly)
FLASH POINT: N/A	REDUCING SOLVENT: Water
VOLATILE ORGANIC COMPOUND (VOC): 3.31	REDUCED VISCOSITY: As needed
SOLIDS: by volume: 27 (+/-) 2%	RECOMMENDED DRY FILM: 1.0-2.0 MILLS
by weight: 31 (+/-) 2%	CLEAN-UP SOLVENT: Water
THEORETICAL COVERAGE @ 1 mil dry: 437 Sq. ft. per gallon. No loss assumed.	DRY TIME: Air dry at 77 degrees F and 50% R.H.
FLEXABILITY: Very Good	To Touch: 15-30 Minutes
IMPACT RESISTANCE: Good	To Handle: 30-60 Minutes
ADHESION: Very Good	Hard: 24-48 hours
SOLVENT RESISTANCE: Fair	To Recoat: 4 – 16 Hours
HEAT RESISTANCE: Very good	Dries to a rain resistant coating in 1 – 2 hours, depending on drying conditions.
HUMIDITY RESISTANCE: Excellent	
SALT SPRAY RESISTANCE: Good	

This information is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommendations are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use.



EAGLE BRIDGES PRODUCT DATA

PRODUCT: AQUATEC ENAMEL

PRODUCT NUMBER

ALL

DESCRIPTION: AQUATEC IS A WATER REDUCABLE ENAMEL FOR USE ON A VARIETY OF METAL SURFACES TO PROVIDE EXCEPTIONAL ADHESION, ESPECIALLY ON GALVANISED STEEL.

PROPERTIES	APPLICATION
<p>VISCOSITY: 60 – 62 SECONDS #4 ZAHN</p> <p>POUNDS PER GALLON: 9.63</p> <p>GLOSS: LOW SHEEN</p> <p>FLASH POINT: NON-FLAMABLE</p> <p>VOLATILE ORGANIC COMPOUND (VOC): .89 >>>>THIS PRODUCT IS VOC COMPLIANT <<<<<</p> <p>SOLIDS: by volume: 32-35 % by weight: 38-42 %</p> <p>THEORETICAL COVERAGE @ 1 mil dry: 520 - 550 sq. ft. per gallon. No loss assumed.</p> <p>IMPACT RESISTANCE: PASS 40 IN.LB. REVERSE PASS 80 IN LB FORWARD</p> <p>ADHESION: 100% CROSS HATCH ON GALVANEALD STEEL</p> <p>HUMIDITY RESISTANCE: NO EFFECT @ 2 WEEKS.</p> <p>NOT RECOMMENDED FOR IMMERSION.</p> <p>EXTERIOR DURABILITY: EXCELLENT</p>	<p>PREPARATION: Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching</p> <p>TYPE OF APPLICATION: BRUSH, ROLLER OR SPRAY.</p> <p>REDUCTION: AS NEEDED</p> <p>REDUCING SOLVENT: POTABLE WATER</p> <p>RECOMMENDED DRY FILM: 1 mils.</p> <p>RECOMMENDED PRIMER: NONE</p> <p>CLEAN-UP SOLVENT: WATER</p> <p>DRY TIME : THE DRYTIME IS DEPENDENT ON THE TEMPERATURE AND HUMIDITY. THIS PRODUCT WILL DRY TO HAHDL E IN 15 – 30 MINUTES AT 75 DEG F. AND 60% RELATIVE HUMIDITY. DRY CAN BE ACCELERATED BY HEATING TO 130 – 150 DEGREES FOR 5 – 10 MINUTES.</p> <p>ALLOW TO DRY COMPLETELY BEFORE RECOATING WITH SOLVENT BASED ENAMELS.</p>

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EAGLE BRIDGES MARATHON

Custom Engineered Industrial Paints, Coatings and Adhesions

P.O. Box 496 Byron, Georgia 31008, 478-956-5605 Fax: 478-956-3617



Eagle Bridges

PRODUCT INFORMATION

INTRODUCING EAGLE BRIDGES CONTAINER GUARD WATER REDUCIBLE ENAMEL

The Eagle Bridges Company is pleased to introduce our new Water Reducible, High Gloss, Quick Dry, V.O.C. compliant Container Enamel!

There are many reducible container enamels in the marketplace.....

We at Eagle Bridges realize that the market demands:

- A. A truly quick dry to touch container enamel.
- B. A container enamel that retains its high gloss.
- C. A container enamel that offers very early water resistance.
- D. A container enamel that can truly be applied Direct To Metal
- E. A container enamel that is free of lead, chromate and heavy metals.
- F. A container enamel that is V.O.C. compliant and NON FLAM-
MABLE. A reduction in flammability may also lower insur-
ance costs.
- G. Best of all — Our Eagle Bridges Water Reducible Container
Enamel is lower in cost than our competitors!

Our months of study, research and testing of almost all of the Water Reducible enamels on the market today, clearly show that the Eagle Bridges Water Reducible Container Guard Enamel is a revolution in the industry and we feel.... The Best Container Enamel available Today!

Please let us provide your Company with a sample and we know you'll agree!

Contact The Eagle Bridges Company Inc. at:
1-800-541-1747 TOLL FREE or 1-478-956-3617 FAX
Web Site is www.eaglebridges.com



Eagle Bridges-Marathon

SERVING THE SOUTH WITH FLYING COLORS

EAGLE BRIDGES PRODUCT DATA

PRODUCT: STRUCTURE GUARD

DESCRIPTION: STRUCTURE GUARD is an air-drying, water reducible enamel that is formulated with a corrosion inhibitor to have excellent resistance to atmospheric corrosion and can be applied direct to metal or over a variety of primers.

PROPERTIES	APPLICATION
VISCOSITY: 92 – 95 KU'S	PREPARATION: Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching
POUNDS PER GALLON: 10.35	TYPE OF APPLICATION: Brush, Roller, Conventional or Airless Spray.
GLOSS: 95 PLUS	REDUCTION: As needed (use sparingly)
FLASH POINT: N/A	REDUCING SOLVENT: Water
VOLATILE ORGANIC COMPOUND (VOC): 2.45	REDUCED VISCOSITY: As needed
SOLIDS: by volume: 28 (+/-) 2%	RECOMMENDED DRY FILM: 1.0-2.0 MILLS
by weight: 43 (+/-) 2%	CLEAN-UP SOLVENT: Water
THEORETICAL COVERAGE @ 1 mil dry: 447	DRY TIME: Air dry at 77 degrees F and 50% R.H.
Sq. ft. per gallon. No loss assumed.	To Touch: 15-30 Minutes
FLEXABILITY: Very Good	To Handle: 30-60 Minutes
IMPACT RESISTANCE: Good	Hard: 24-48 hours
ADHESION: Very Good	To Recoat: 4 – 16 Hours
SOLVENT RESISTANCE: Fair	Dries to a rain resistant coating in 1 – 2 hours, depending on drying conditions.
HEAT RESISTANCE: Very good	
HUMIDITY RESISTANCE: Excellent	
SALT SPRAY RESISTANCE: Good	

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Eagle Bridges Industrial Paints



**SERVING THE SOUTH
WITH FLYING COLORS**

Product Bulletin

Structure Guard Water Reducible Enamel

DESCRIPTION: Structure Guard is a water-reducible, high gloss enamel that contains anti-corrosive ingredients to assist in corrosion protection. It can be used for both interior and exterior applications. It has good color and gloss retention and can be applied either direct to metal or to previously painted substrates.

USES: Structure Guard is used to coat billboard structures structural steel, containers, machinery, implements and general maintenance projects.

ADVANTAGES: Structure Guard is extremely fast drying for a water-reducible enamel and exhibits very good early water resistance. It is V.O.C. compliant and **NON-FLAMMABLE**. This reduces fire hazards and may lower insurance costs. Structure Guard is both lead and chromate free and is available in a wide variety of colors.

SURFACE PREPARATION: Remove all loose rust, paint, oil, grease or other surface contaminants prior to painting. If a primer is desired, Container Guard Water-Reducible Primer is recommended.

THINNING: Structure Guard will appear heavy bodied in comparison with solvent based paints, especially in colder temperatures. However, do not thin unless necessary to achieve atomization and then do so sparingly. Use no more than 1/2 pint of water per gallon of paint.

CAUTION: Structure Guard is **NOT FLAMMABLE**. Components of this product may be skin irritants. Gloves should be worn to minimize skin contact. Avoid breathing of vapors. **IF SWALLOWED, DO NOT INDUCE VOMITING.** Call a physician immediately. For eye contact, flush with water. See Material Safety Data Sheet (MSDS) for full precautions prior to use. Structure Guard is intended for industrial use only.

V.O.C.: As supplied:
Excluding Water: 2.6-2.9 lbs. per gallon
Including Water: 1.0 lbs. per gallon

COLORS: Available in a wide variety of colors.

THEORETICAL COVERAGE:
400 sq. ft. per gal. at 1 mil dry film thickness with no loss assumed.

GLOSS: 85 plus

SUGGESTED FILM THICKNESS:
1.0 to 1.5 mils of dry film.

APPLICATION METHODS:
Brush, Roll or Spray
Apply when substrate and surrounding air is between 40 and 120 degrees F.

DRY TIME: At 77 degrees F, 50% relative humidity:
Dust Free: 20 minutes
To Handle: 30 minutes
To Recoat: 20 minutes

SERVICE TEMPERATURE:
175 degrees F for continuous service
200 degree F for intermittent service

PACKAGING: Structure Guard comes in 5 gallon pails and 55 gallon drums.

SHELF LIFE: 8 months in unopened containers when stored between 40 and 120 degrees F.

**CUSTOM ENGINEERED INDUSTRIAL FINISHES
BYRON GEORGIA**

1-800-541-1747 TOLL FREE 478-956-3617 FAX www.eaglebridges.com



PRODUCT DATA
W-263G
Acrylic Finish

Description: A lead and chrome-free, gloss acrylic finish for corrosion protection. A VOC compliant product that is formulated for good gloss and color retention.

Typical Uses: as a finish coat in a 3-coat system to protect metal surfaces, such as bridges, tanks, and structural steel. May be used as a topcoat over water guard primers and intermediate coats or P-139, P-159, or 1312 inorganic zinc primers.

Dry Temperature Limits: 160 deg.F

Surface Cleanliness: surface should be clean and dry. Remove as much surface contamination as possible. Prime surface with a Water-Guard Primer, Water-Guard Intermediate, or zinc rich primer.

Mixing Instructions: mechanical agitation (jiffy power mixer)

Application Equipment: brush, roller, conventional spray or airless spray.

Application Conditions:

- DO NOT ALLOW TO FREEZE
- Dry, dust-free metal surface
- Metal temperature above 50 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 50 deg.F
- Humidity less than 85%

Primer: W-113G, W-113, W-101, W-103, Primers, 2011, all Water Guard Intermediates or a zinc rich primer, such as P-139, P-159, 1312, or 1312GA.

Thinner: none required, fresh water, if necessary

Clean Up Solvent: fresh water

Safe Application Conditions: Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

Finish: semi-gloss

Color: Georgia GREEN

Volume Solids: 34.11 +/- 2%

VOC: 1.97 lbs./gal. (236 g/l)

Flash Point: >200 deg.F

Dry Film Thickness: 3 mils

Wet Film Thickness: 8 mils

Theoretical Coverage: 547 sq.ft./gal. @ 1 mil

Induction Time: n/a

Pot Life Time: n/a

Shelf Life Time: 1 year

Dry Time: @ 70 deg.F

Dry to Touch 4 hours

Dry to Recoat 4 hours, if recoating with other Water Guard product

120 Tremon Street, Gordon Georgia, 31031 800.659-0908 fax no. 478.628.5870

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PRODUCT DATA

156

Acrylic Finish Cylinder Coat

Description: 156 Finish is lead and chrome-free, gloss acrylic finish for corrosion protection. This product is specifically designed for Industrial Gas Cylinders

Typical Uses: a direct-to-metal Primer and finish for Industrial gas cylinders

Dry Temperature Limits: 160 deg.F

Surface Cleanliness: surface should be clean and dry. Remove as much surface contamination as possible. Prime surface with a Water-Guard Primer, Water-Guard Intermediate, or zinc rich primer.

Mixing Instructions: mechanical agitation (jiffy power mixer)

Application Equipment: brush, roller, conventional spray or airless spray. Airless spray use a 30:1 ratio pump with 0.017 (617) to 0.019 (619) inch diameter orifice for airless spray gun tip at a pressure at tip to obtain proper atomization. An artist brush can be used for touchup of WFT marks and other small repair areas.

Application Conditions:

- Noncontaminated profile (pretreat and blast contaminated surfaces)
- Dry, dust-free metal surface
- Metal temperature above 40 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 40 deg.F
- Humidity less than 85%
- Material temperature between 50 and 90 deg.F

Primer: none needed

Thinner: none required, fresh water, if necessary

Clean Up Solvent: fresh water

Safe Application Conditions: Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

Finish: semi-gloss

Color: cylinder Color Card - plus full range of colors

Volume Solids: 34.4 +/- 2%

VOC: 1.62 lbs./gal. (191 g/l)

Flash Point: >200 deg.F

Dry Film Thickness: 3 mils

Wet Film Thickness: 9 mils

Theoretical Coverage: 551 sq.ft./gal. @ 1 mil

Induction Time: n/a

Pot Life Time: n/a

Shelf Life Time: 1 year

Dry Time: @ 70 deg.F

Dry to Touch 15-30 minutes

Dry to Recoat 1 hours

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PRODUCT DATA

W-264G

Acrylic Intermediate

Description: A high quality, low sheen waterborne acrylic that is rust inhibitive and self priming. This product is specifically designed for protection of ferrous, aluminum and galvanized metal surfaces.

Typical Uses: as an intermediate coat in a 3-coat system to protect metal surfaces, such as bridges, tanks, and structural steel. Can be used as a topcoat over P-139, P-159, or 1312 inorganic zinc primers.

Dry Temperature Limits: 160 deg.F

Surface Cleanliness: surface should be clean and dry. Remove as much surface contamination as possible. Prime surface with a Water-Guard Primer, Water-Guard Intermediate, or zinc rich primer.

Mixing Instructions: mechanical agitation (jiffy power mixer)

Application Equipment: brush, roller, conventional spray or airless spray.

Application Conditions:

- DO NOT ALLOW TO FREEZE
- Dry, dust-free metal surface
- Metal temperature above 50 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 50 deg.F
- Humidity less than 85%

Primer: W-113G, W-113, W-101, W-103, Primers, 201, self priming or a zinc rich primer, such as P-139, P-159, 1312, or 1312GA

Thinner: none required, fresh water, if necessary

Clean Up Solvent: fresh water

Safe Application Conditions: Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

Finish: low-gloss

Color: BUFF

Volume Solids: 43.62% +/- 2%

VOC: 1.16. lbs./gal. (139 g/l)

Flash Point: >200 deg.F

Dry Film Thickness: 3 mils
233sq ft @ 3 mils

Wet Film Thickness: 7 mils

Theoretical Coverage: 699 sq.ft./gal. @
1 mil

Induction Time: n/a

Pot Life Time: n/a

Shelf Life Time: 1 year

Dry Time: @ 70 deg.F
Dry to Touch 4 hours
Dry to Recoat 4 hours, if recoating with
other Water-Guard
product

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