



PRODUCT GUIDE: WATERBORNE PRIMERS

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EAGLE BRIDGES PRODUCT DATA SHEET

PRODUCT: EPOXY WATERBOURNE PRIMER Product Number: 2785

DESCRIPTION: THIS PRODUCT IS A WATER BASED EPOXY ESTER PRIMER DESIGNED TO HAVE EXCELLENT ADHESION AND WATER IMMERSION RESISTANCE.

PROPERTIES	APPLICATION
VISCOSITY: 30-35 seconds #4 Zahn POUNDS PER GALLON: 10.5+/- .5 GLOSS: FLAT FLASH POINT: n/a VOLATILE ORGANIC COMPOUND (VOC): 2.86 SOLIDS: by volume: 35.54 (+/-) 2% by weight: 51.19 (+/-) 2% THEORETICAL COVERAGE @ 1 mil dry: 570 sq. ft. per gallon. No loss assumed. FLEXABILITY: Very Good IMPACT RESISTANCE: Very Good ADHESION: Excellent SOLVENT RESISTANCE: Good HEAT RESISTANCE: Good HUMIDITY RESISTANCE: Excellent WATER IMMERSION: Excellent	PREPARATION: Apply to properly cleaned or treated surface. This may consist of solvent wiping, wire brushing, sandblasting, phosphate treatment or chemical etching TYPE OF APPLICATION: BRUSH: Not recommended ROLL: Not recommended SPRAY: Excellent Airless: Excellent Electrostatic: Good if controlled Application properties can be adjusted with special solvents. REDUCTION: As Required REDUCING SOLVENT: Water REDUCED VISCOSITY; As Required RECOMMENDED DRY FILM: 1.0-1.5 mils RECOMMENDED PRIMER: N/A CLEAN-UP SOLVENT: Water DRY TIME: Air dry at 77 degrees F and 50% R.H. @ 1mil dry film thickness TO TOUCH: 15 Minutes TO HANDLE: 1 Hour HARD: 24 Hours TO RECOAT: 30 Minutes

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 MARATHON
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EAGLE BRIDGES PRODUCT DATA SHEET

PRODUCT: Container Guard Red Metal Primer Product Number: 3455

DESCRIPTION: Container Guard Metal Primer is an air-drying, water reducible primer that is formulated to have excellent resistance to atmospheric corrosion and can be top-coated with a variety of coatings, especially **Container Guard Topcoat**.

PROPERTIES	APPLICATION
VISCOSITY: 95-100 KU Stormer (+ or - 2)	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: 10.0-11.0	TYPE OF APPLICATION:
GLOSS: Low Sheen	Brush: Excellent
FLASH POINT: N/A	Roll: Excellent
VOLATILE ORGANIC COMPOUND (VOC):	Spray: Excellent
>1.15 lbs per gal.	Air Atomized: Excellent
SOLIDS: by volume: 30.29 (+/-) 2%	Airless: Excellent
by weight: 44.76 (+/-) 2%	REDUCTION: As Needed (use sparingly)
THEORETICAL COVERAGE @ 1 mil dry:	REDUCING SOLVENT: Water
485.8	REDUCED VICOSITY; As Required
sq. ft. per gallon. No loss assumed.	RECOMMENDED DRY FILM: 1-2 mils
(All properties as applied over epoxy primer.)	RECOMMENDED PRIMER: N/A
FLEXABILITY: Very Good	CLEAN-UP SOLVENT: Water when wet
IMPACT RESISTANCE: Good	Or Xylene when dry.
ADHESION: Very Good	DRY TIME:
SOLVENT RESISTANCE: Fair	TO TOUCH: 15-30 Minutes
HEAT RESISTANCE: Very Good	TO HANDLE: 30-60 Minutes
HUMIDITY RESISTANCE: Excellent	HARD: 24 -48 Hours
SALT SPRAY RESISTANCE: Good	TO RECOAT: 4 -16 Hours
	Dries to a rain resistant coating in 1-2 hours Depending on drying conditions.

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EAGLE BRIDGES PRODUCT DATA SHEET

PRODUCT: Container Guard Plus Lt. Grey Primer Product Number: 4487-01

DESCRIPTION: Container Guard Plus Lighter Grey Metal Primer is an air-drying, water reducible primer that is formulated to have excellent resistance to atmospheric corrosion and can be top-coated with a variety of coatings, especially **Container Guard Topcoat**.

PROPERTIES	APPLICATION
VISCOSITY: 75-85 KU Stormer (+ or - 2)	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: 10.18 (+/- .2)	TYPE OF APPLICATION:
GLOSS: Low Sheen	Brush: Excellent
FLASH POINT: N/A	Roll: Excellent
VOLATILE ORGANIC COMPOUND (VOC): >2.27 lbs per gal.	Spray: Excellent
SOLIDS: by volume: 30.20 (+/-) 2% by weight: 44.9 (+/-) 2%	Air Atomized: Excellent
THEORETICAL COVERAGE @ 1 mil dry: 484 sq. ft. per gallon. No loss assumed. (All properties as applied over epoxy primer.)	Airless: Excellent
FLEXABILITY: Very Good	REDUCTION: As Needed (use sparingly)
IMPACT RESISTANCE: Good	REDUCING SOLVENT: Water
ADHESION: Very Good	REDUCED VICOSITY; As Required
SOLVENT RESISTANCE: Fair	RECOMMENDED DRY FILM: 1-2 mils
HEAT RESISTANCE: Very Good	RECOMMENDED PRIMER: N/A
HUMIDITY RESISTANCE: Excellent	CLEAN-UP SOLVENT: Water when wet
SALT SPRAY RESISTANCE: Good	Or Xylene when dry.
	DRY TIME:
	TO TOUCH: 15-30 Minutes
	TO HANDLE: 30-60 Minutes
	HARD: 24 -48 Hours
	TO RECOAT: 4 -16 Hours
	Dries to a rain resistant coating in 1-2 hours
	Depending on drying conditions.

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EAGLE BRIDGES PRODUCT DATA

PRODUCT: AQUATEC FASTDRY PRIMER - RED OXIDE PRODUCT NUMBER: 4955

DESCRIPTION: AQUATEC PRIMER IS FAST DRYING, RUST INHIBITING PRIMER WITH GREAT ADHESION FOR USE ON A VARIETY OF METAL SURFACES (INCLUDING GALVANEAL)

PROPERTIES	APPLICATION
<p>VISCOSITY: 60 – 62 SECONDS #4 ZAHN</p> <p>POUNDS PER GALLON: 9.63</p> <p>GLOSS: FLAT</p> <p>FLASH POINT: NON-FLAMABLE</p> <p>VOLATILE ORGANIC COMPOUND (VOC): 1.1 >>>>THIS PRODUCT IS VOC COMPLIANT <<<<<</p> <p>SOLIDS: by volume: 31-35 % by weight: 43 %</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 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>APPLICATION: BRUSH, ROLLER OR SPRAY. REDUCTION: AS NEEDED REDUCING SOLVENT: POTABLE WATER RECOMMENDED DRY FILM: 1 mils. RECOMMENDED PRIMER: NONE CLEAN-UP SOLVENT: WATER</p> <p>DRY TIME: VARIES W/ TEMPERATURE & HUMIDITY DRY TO HANDLE: 15 – 30 MINUTES AT 75 DEG F. AND 60% RELATIVE HUMIDITY. DRY</p> <p>ALLOW TO DRY COMPLETELY BEFORE RECOATING WITH SOLVENT BASED ENAMELS. WATERBORNE TOCOATS CAN BE APPLIED MORE QUICKLY DEPENDING ON CONDITIONS.</p>

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EAGLE BRIDGES MARATHON

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PRODUCT DATA

W-112

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: White

Volume Solids: 40.97 +/- 2%

VOC: 1.55 lbs./gal. (184 g/l)

Flash Point: >200 deg.F

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

Wet Film Thickness: 7.5 mils

Theoretical Coverage: 655 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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PRODUCT DATA

W-113G

Acrylic Primer

Description: An inhibitive acrylic water based primer lead and chrome-free metal primer for corrosion protection. Product is designed for ferrous, aluminum and galvanized metal.

Typical Uses: as a primer coat in a 3-coat system to protect ferrous metal surfaces, such as bridges, tanks and structural steel.

Dry Temperature Limits: 160 deg.F

Surface Cleanliness: surface should be clean and dry. Remove as much surface contamination as possible.

Mixing Instructions: mechanical agitation (jiffy power mixer)

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

Application Conditions:

- Noncontaminated profile (pretreat and blast contaminated surfaces)
- 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%
- Material temperature between 50 and 90 deg.F

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: Brown 30045

Volume Solids: 38.53 +/- 2%

VOC: 1.63 lbs./gal. (193 g/l)

Flash Point: >200 deg.F

Dry Film Thickness: 3 mils

Wet Film Thickness: 8 mils

Theoretical Coverage: 618 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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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

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