

PRODUCT GUIDE: CONVENTIONAL TOPCOATS

Version: 08.07.17



PRODUCT: BLACK ALKYD GLOSS ENAMEL Product Number: 0725-08

DESCRIPTION: THIS PRODUCT IS A FAST AIR DRYING HIGH GLOSS PRODUCTION ENAMEL FOR APPLICATION TO CLEANED OR PRIMER METAL SURFACES AND PROVIDES A HARD TOUGH DURABLE FINISH.

PROPERTIES

VISCOSITY: 35F

POUNDS PER GALLON: 7.834

GLOSS: 85+

FLASH POINT: 50+ degrees F

VOLATILE ORGANIC COMPOUND (VOC): 5.00

SOLIDS: by volume: 27 (+/-) 2%

by weight: 36 (+/-) 2%

THEORETICAL COVERAGE @ 1 mil dry: 440 sq. ft.

per gallon. No loss assumed.

(All properties as applied over epoxy primer.)

FLEXABILITY: Very Good IMPACT RESISTANCE: Good ACID RESISTANCE: Very Good

ADHESION: Excellent

SOLVENT RESISTANCE: Very Good

HEAT RESISTANCE: Good HUMIDITY RESISTANCE: Good WATER IMMERSION: Good SALT SPRAY RESISTANCE::Good **APPLICATION**

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:

Spray

REDUCTION: As Required REDUCING SOLVENT: Xylol

REDUCED VICOSITY; As Required RECOMMENDED DRY FILM: 1-1.5 mils

RECOMMENDED PRIMER: CLEAN-UP SOLVENT: Xylol

DRY TIME

TO TOUCH; 15-30 Minutes TO HANDLE; 30-60 Minutes

HARD; 24-48 Hours TO RECOAT; 24 HOURS



PRODUCT: PREMIUM GRADE ALUMINUM PRODUCT NUMBER: 966-01

DESCRIPTION: A PREMIUM ALUMINUM PAINT FORMULATED TO GIVE A HIGH METALLIC LUSTRE IN A DURABLE RESIN BASE.

PROPERTIES

VISCOSITY: 22-28 SEC. (+/-2) #4 Zahn Cup

POUNDS PER GALLON: 7.88

GLOSS: HIGH LUSTRE

FLASH POINT: 120 Degrees F.

VOLATILE ORGANIC COMPOUND VOC 4.80

SOLIDS: 25.72 by volume (+/-) 2%

39.84 by weight (+/-) 2%

THEORETICAL COVERAGE @ 1 mil dry: 4.12-

sq. ft. per gallon. No loss assumed.

FLEXABILITY: Excellent

IMPACT RESISTANCE Good

ADHESION: Excellent

HEAT RESISTANCE Good:

HUMIDITY RESISTANCE: Excellent WATER IMMERSION: Excellent

SALT SPRAY RESISTANCE: Excellent

APPLICATION

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: Conventional or Airless Spray, or brush or roller.

REDUCTION: As needed

REDUCING SOLVENT: Mineral Spirits REDUCED VISCOSITY; As desired.

RECOMMENDED DRY FILM: 1 – 2 mils

RECOMMENDED PRIMER: N/A

CLEAN-UP SOLVENT: Xylene or Mineral

Spirits

DRY TIME TO TOUCH; 15 minutes

TO HANDLE; 2-4 hours

HARD; Overnight

TO RECOAT: 2-4 hours.

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

Custom Engineered Industrial Paints, Coatings and Adhesions P.O. Box 496 Byron, Georgia 31008, 478-956-5605 Fax: 478-956-3617



Product: BLACK ACRYLIC

DESCRIPTION: A high gloss acrylic enamel that has been formulated to have excellent gloss retention and exterior durability.

PROPERTIES

VISCOSITY: 25 +/- 3 SECONDS #4 FORD CUP

POUNDS PER GALLON: 7.94 +/- 0.1

GLOSS: HIGH

FLASH POINT: 45 DEG F

VOLATILE ORGANIC COMPOUND (VOC):>4 #

SOLIDS: by volume: 30.25 (+/-) 2%

by weight: 36.13 (+/-) 2%

THEORETICAL COVERAGE @ 1 mil dry: 485

sq. ft. per gallon. No loss assumed.

FLEXABILITY: Excellent

IMPACT RESISTANCE: Excellent

PENCIL HARDNESS: HB ADHESION: Excellent

SOLVENT RESISTANCE: Very Good

HEAT RESISTANCE: Very Good HUMIDITY RESISTANCE: Very Good

WATER IMMERSION: Very Good

APPLICATION

Product Number: 2289

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 needed REDUCING SOLVENT: Xylene REDUCED VISCOSITY: As needed

RECOMMENDED DRY FILM: 1.0-1.5 MILLS

RECOMMENDED PRIMER: 2208 CLEAN-UP SOLVENT: Xylene

DRY TIME: Air dry at 77 degrees F and 50%

R.H.

@ 1 mil DFT

To Touch: 15 minutes
To Handle: 30 minutes

Hard: 24 hours

To Recoat: 30 minutes



PRODUCT: VT GREEN Product Number: 2300

DESCRIPTION: Fast Air Dry System

PROPERTIES

VISCOSITY: 57 KU +/- 3

POUNDS PER GALLON: 8.05

GLOSS: 60 - 80

FLASH POINT: 45 degrees F

VOLATILE ORGANIC COMPOUND (VOC): 4.41

SOLIDS: by volume: 31.14 (+/-) 2%

by weight: 45.24 (+/-) 2%

THEORETICAL COVERAGE @ 1 mil dry: 499 sq. ft.

per gallon. No loss assumed.

(All properties as applied over epoxy primer.)

FLEXABILITY: Good

IMPACT RESISTANCE: Good ACID RESISTANCE: Good

ADHESION: Good

SOLVENT RESISTANCE: Good HEAT RESISTANCE: Good HUMIDITY RESISTANCE: Good WATER IMMERSION: Good

SALT SPRAY RESISTANCE: Good

ALKALI RESISTANCE: Good

APPLICATION

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:

Spray

REDUCTION: As Required REDUCING SOLVENT: Xylol

REDUCED VICOSITY; As Required RECOMMENDED DRY FILM: 1-1.5 mils

RECOMMENDED PRIMER: 2208

CLEAN-UP SOLVENT: Xylol

DRY TIME

TO TOUCH; 10 - 20 Minutes TO HANDLE; 30-60 Minutes

HARD; 24-48 Hours TO RECOAT; 24 HOURS



PRODUCT: BLACK CORROSION RESISTANT PAINT CODE NUMBER: 3226

DESCRIPTION: A PROTECTIVE COATING DESIGNED PROTECT METAL SURFACES FROM RUSTING.

PROPERTIES

VISCOSITY: 35 – 40 seconds #4 Zahn Cup

POUNDS PER GALLON: 9.06

GLOSS: FLAT BLACK

FLASHPOINT: >40 DEGREES F.

VOLATILE ORGANIC COMPOUND (VOC): 4.60

LBS PER GALLON

SOLIDS: by volume: 30.14 (+/-) 2%

by weight: 49.22 (+/-) 2%

THEORETICAL COVERAGE @ 1 mil dry: 484-sq. ft.

per gallon. No loss assumed.

FLEXIBILITY: Good

IMPACT RESISTANCE: Good ACID RESISTANCE: Very Good

PENCIL HARDNESS: HB ADHESION: Very Good

SALT FOG EXPOSURE: PASS 180 HOURS (ASTM

B-117-85)

SOLVENT RESISTANCE: Good HEAT RESISTANCE: Good HUMIDITY RESISTANCE: Good WATER IMMERSION: Good ALKALI RESISTANCE: Very Good **APPLICATION**

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: DIPPING, BRUSH, ROLLER OR SPRAY.

Application properties can be adjusted with a

small amount of Xylene. REDUCTION: As needed

REDUCING SOLVENT: Xylene

REDUCED VISCOSITY: As needed

RECOMMENDED DRY FILM: 1.0-2.0 MILLS

RECOMMENDED PRIMER: N/A CLEAN-UP SOLVENT: Xylene

DRY TIME: ACCEPTABLE FOR PRODUCTION

SCHEDULE.

RECOMMENDED OPERATING

TEMPERATURE: 45 to 90 degrees F

18 to 32 degrees C



PRODUCT: MODIFIED ACRYLIC HI GLOSS BLACK PR

PRODUCT NUMBER: 3762-01

DESCRIPTION: THIS PRODUCT IS A FAST AIR DRYING HIGH GLOSS PRODUCTION ENAMEL FOR APPLICATION TO CLEANED OR PRIMER METAL SURFACES AND PROVIDES A HARD, TOUGH DURABLE FINISH.

PROPERTIES

VISCOSITY: 28 - 33 SEC #4 FORD CUP

POUNDS PER GALLON: 7.80 (+/- .5)

GLOSS: 90+

FLASH POINT: 45 DEG F.

VOLATILE ORGANIC COMPOUND (VOC)

4.80 LBS/GAL.

SOLIDS: 31.20 by volume (+/-) 2%

38.87 by weight (+/-) 2%

THEORETICAL COVERAGE @1 mil dry: 500

Sq. ft. per gallon. No loss assumed.

FLEXABILITY: GOOD

IMPACT RESISTANCE GOOD

ADHESION: EXCELLENT

HEAT RESISTANCE: GOOD

HUMIDITY RESISTANCE: GOOD

WATER IMMERSION: GOOD

SALT SPRAY RESISTANCE: GOOD

APPLICATION

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: CONVENTIONAL,

AIRLESS OR HVLP Spray

REDUCTION: AS NEEDED

REDUCING SOLVENT: Xylene or

Solvent 100

REDUCED VISCOSITY; AS NEEDED

RECOMMENDED DRY FILM: 1.5 – 2.5 mils

RECOMMENDED PRIMER: 3463 CLEAN-UP SOLVENT: XYLENE

DRY TIME TO TOUCH; 15 MIN

TO HANDLE: 45 MIN

HARD; 90 MIN.

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PRODUCT: MOD ACRYLIC ALKYD BLACK Product Number: 4477-04

DESCRIPTION: THIS PRODUCT IS A HIGH GLOSS ENAMEL FOR OEM FINISHING OR REFINISHING OF INDUSTRIAL, AND AGRICULTURE EQUIPMENT. OFFERING LONG TERM PROTECTION WITH EXCELLENT COLOR AND GLOSS RETENTION TO A WIDE ARRAY OF **GENERAL METALS**

PROPERTIES

VISCOSITY: 50 #2 Zahn

POUNDS PER GALLON: 8.32

GLOSS: 95+

FLASH POINT: 68 degrees F

VOLATILE ORGANIC COMPOUND (VOC): 4.31

SOLIDS: by volume: 41 (+/-) 2%

by weight: 48 (+/-) 2%

THEORETICAL COVERAGE @ 1 mil dry: 583 sq. ft.

per gallon. No loss assumed.

ADVANTAGES HIGH GLOSS

FLEXABILITY: Very Good

GOOD EXTERIOR COLOR AND GLOSS

RETENTION **IMPACT**

RESISTANCE: Good

ACID RESISTANCE: Very Good

ADHESION: Excellent

SOLVENT RESISTANCE: Very Good

HEAT RESISTANCE: Good HUMIDITY RESISTANCE: Good

APPLICATION

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: Spray

REDUCTION: As Required REDUCING SOLVENT: XvIol

REDUCED VICOSITY; As Required

RECOMMENDED DRY FILM: 1.5-2.0 mils

RECOMMENDED PRIMER: CLEAN-UP SOLVENT: Xylol

DRY TIME

TO TOUCH: 15 Minutes TO HANDLE: 30-45 Minutes

TACK FREE: 2 hours

TO RECOAT; Up to 24 hours. After 48 hours

Note: A critical recoat time may exist between

24hours and 48hours drying at room

temperature. It may fluctuate depending on

temperature, drying conditions and film thickness

EAGLE BRIDGES MARATHON

Custom Engineered Industrial Paints, Coatings and Adhesions P.O. Box 496 Byron, Georgia 31008 478-956-5605 Fax: 478-956-3617



PRODUCT: BLACK ACRYLIC ENAMEL Product Number: 4635-01

DESCRIPTION: THIS PRODUCT IS A FAST DRYING HIGH GLOSS ACRYLIC ENAMEL FOR APPLICATION TO CLEANED OR PRIMED METAL SURFACES AND PROVIDES A HARD TOUGH DURABLE FINISH.

PROPERTIES

VISCOSITY: 30 #4 FORD

POUNDS PER GALLON: 7.69

GLOSS: 85+

FLASH POINT: 50+ degrees F

VOLATILE ORGANIC COMPOUND (VOC): 4.47

SOLIDS: by volume: 34 (+/-) 2%

by weight: 42 (+/-) 2%

THEORETICAL COVERAGE @ 1 mil dry: 544 sq. ft.

per gallon. No loss assumed. FLEXABILITY: Very Good IMPACT RESISTANCE: Good ACID RESISTANCE: Very Good

ADHESION: Excellent

SOLVENT RESISTANCE: Very Good

HEAT RESISTANCE: Good HUMIDITY RESISTANCE: Good WATER IMMERSION: Good SALT SPRAY RESISTANCE:;Good

APPLICATION

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:

Spray

REDUCTION: As Required REDUCING SOLVENT: Xylol

REDUCED VICOSITY; As Required RECOMMENDED DRY FILM: 1-1.5 mils

RECOMMENDED PRIMER: CLEAN-UP SOLVENT: Xylol

DRY TIME

TO TOUCH; 10-15 Minutes TO HANDLE; 30-60 Minutes

HARD; 24-48 Hours



PRODUCT: EAGLE ACRYLIC TOPCOAT

DESCRIPTION: This is a high gloss acrylic enamel that has been formulated to have excellent gloss retention and exterior durability, rapid dry and uniform metallic luster.

PROPERTIES

VISCOSITY: 45 - 50 SECONDS 2# ZAHN

POUNDS PER GALLON: 9.69

60 DEGREE GLOSS: 40 - 50

FLASH POINT -1 Deg F

VOLATILE ORGANIC COMPOUND (VOC): 4.74

SOLIDS: by volume: 34.86 (+/-) 2%

by weight: 51.07 (+/-) 2%

THEORETICAL COVERAGE @ 1 mil dry: 561-sq. ft.

per gallon. No loss assumed.

FLEXABILITY: EXCELLENT

IMPACT RESISTANCE:VERY Good ACID RESISTANCE:VERY Good ALKALI RESISTANCE: Very Good

ADHESION: EXCELLENT

SOLVENT RESISTANCE: Very Good HEAT RESISTANCE: VERY Good HUMIDITY RESISTANCE: Excellent WATER IMMERSION: Excellent

SALT SPRAY RESISTANCE: Excellent

APPLICATION

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:

Conventional, Airless or Electrostatic Spray (Application properties can be adjusted with special solvents.)

REDUCTION: As Required

REDUCING SOLVENT: Solvent 100 REDUCED VICOSITY; As Required

RECOMMENDED DRY FILM: As Required

RECOMMENDED PRIMER: 3530 -1

CLEAN-UP SOLVENT: Xylene or Solvent 100

DRY TIME:

TO TOUCH: 45 MINUTES TO HANDLE: 1 Hour HARD: 24 HOURS

TO RECOAT: 45 MINUTES, UP TO 18 HOURS BUT GREATER THAN 48 HRS.

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Eagle Bridges Industrial Paints



Product Bulletin Eagle Acrylic High Performance Coating

DESCRIPTION: Eagle Acrylic is a conventional solids coating formulated with a very high acrylic content in order to contribute the outstanding properties associated with acrylics. These properties include excellent adhesion to a wide variety of substrates, superior chemical resistance for both alkaline and acidic environments, hardness and abrasion resistance, fast dry and better than average exterior durability and gloss retention. Eagle Acrylic can be applied over primed surfaces or direct to metal.

USES: Eagle Acrylic can be used for a wide variety of applications such as containers, machinery, structural steel, farm implements (including contact with fertilizer), trailers and general maintenance projects.

ADVANTAGES: Eagle Acrylic It has exceptional exterior durability which will protect your product while maintaining its appearance. Speed of dry and ease of application are additional advantages that can yield production efficiencies and reduce special handling procedures. Eagle Acrylic is an excellent choice for use in corrosive environments because of the chemical resistance unique to acryl-

SURFACE PREPARATION: Remove all loose rust, paint, oil, grease or other surface contaminants prior to painting. If a primer is desired, 2208 Grey Phenolic Primer is recommended.

THINNING: Eagle Acrylic is supplied ready to spray without any thinning. Paint will thicken if the container is left open for extended periods of time and may necessitate thinning at that point. If necessary use Xylene to thin as necessary.

CAUTION: Eagle Acrylic is a solvent reduced coating and is therefore Flammable. Exercise due caution when applying. Do not paint around open flames or sparks. Gloves should be worn to minimize skin contact. Avoid prolonged breathing of vapors. IF SWALLOWED, DO NOT INDUCE VOMITTING. Call physician immediately. For eye contact, flush with water. See Material Safety Data Sheet (MSDS) for full precautions prior to use. Eagle Acrylic is intended for industrial use only.

V.O.C.: As supplied: 5.10 Pounds Per Gallon

COLORS: Available in a wide variety of color and gloss ranges.

THEORETICAL COVERAGE:

500 sq. ft. per gal. At 1 mil dry film Thickness with no loss assumed.

GLOSS: 95 plus

SUGGESTED FILM THICKNESS:

1.0 to 1.5 mils of dry film.

APPLICATION METHODS:

Air Atomized Spray Airless Spray Electrostatic Spray (with adjustment)

DRY TIME: at 77 degrees F, 50 %

relative humidity: Dust Free: 20 minutes To Handle: 30 minutes To Recoat: 24 hours

PACKAGING: Eagle Acrylic comes in 5 gallon pails and 55 gallon drums.

SHELF LIFE:

Indefinite when containers are sealed air tight.

Eagle Bridges Industrial Paints



Product Bulletin Eagle Series General Purpose Industrial Enamel

DESCRIPTION: Eagle Series Enamels are coatings designed for a wide variety of industrial applications. From light to medium maintenance painting to original equipment manufacturing it is an ideal blend of economics and performance. It's strengths are: fast dry, gloss retention, fade resistance, flexibility and early water resistance. Eagle enamels can be applied over primed surfaces or direct to metal.

USES: Eagle Series Enamels are very versatile and can be used in any number of applications such as containers, machinery, structural steel, farm implements, trailers and general maintenance projects.

ADVANTAGES: Eagle Series Enamels are economical without a great sacrifice in performance. They are very fast drying which will improve your production efficiency, while being easy to apply and giving a great looking high gloss finish. The exterior durability and environmental resistance are very good for this type of coating. It is also lead and chromate free.

SURFACE PREPARATION: Remove all loose rust, paint, oil, grease or other surface contaminants prior to painting. If a primer is desired, any one of Eagle Bridges industrial primers would be a good choice.

THINNING: Eagle Series Enamels are supplied ready to spray without any thinning. Paint will thicken if the container is left open for extended periods of time and may necessitate thinning at that point. If necessary use Xylene to thin to desired viscosity.

CAUTION: Eagle Series Enamels are solvent reduced coatings and are therefore Flammable. Exercise due caution when applying. Do not paint around open flames or sparks. Gloves should be worn to minimize skin contact. Avoid prolonged breathing of vapors. IF SWALLOWED, DO NOT INDUCE VOMITTING. Call physician immediately. For eye contact, flush with water. See Material Safety Data Sheet (MSDS) for full precautions prior to use. Eagle Series **Enamels** are intended for industrial use only.

V.O.C.: As supplied: 5.00 Pounds Per Gallon +/-0.5

COLORS: Available in a wide variety of color and gloss ranges.

THEORETICAL COVERAGE:

440-550 sq. ft. per gal. At 1 mil dry film Thickness with no loss assumed.

GLOSS: 95 plus

SUGGESTED FILM THICKNESS:

1.0 to 1.5 mils of dry film.

APPLICATION METHODS:

Air Atomized Spray Airless Spray Electrostatic Spray

DRY TIME: at 77 degrees F, 50 %

relative humidity: Dust Free: 15 minutes To Handle: 30 minutes To Recoat: 15 minutes

PACKAGING: Eagle Series Enamels comes in 5 gallon pails and 55 gallon drums.

SHELF LIFE:

Indefinite when containers are sealed air tight.