



Amercoat 8022 Acrylic Emulsion

Amercoat 8022, 8022L and 8023 coatings are acrylic enamel emulsions with exceptional gloss and color retention intended for use on primed metal, particularly on smooth exterior metal surfaces. These coatings are qualified to MIL-E-24763A Type II, Class 2 and 3 specifications.

Key Features and Benefits:

- Waterbased Technology
- Low VOC 2.1 lbs./gal. (250 g./l.) maximum
- Excellent Gloss and Color Retention

PPG Product Code	Product Name	Product Description	Color	FED-STD-595
MRN77084	Amercoat 8022	MIL-E-24763A Acrylic Emulsion Type II, CI 2	Red	21136
MRN87085	Amercoat 8022	MIL-E-24763A Acrylic Emulsion Type II, CI 2	Yellow	23591
MRN25943	Amercoat 8022	MIL-E-24763A Acrylic Emulsion Type II, CI 2	Haze Gray	26270
MRN96809	Amercoat 8022	MIL-E-24763A Acrylic Emulsion Type II, CI 2	Black	27038
MRN26807	Amercoat 8022L	MIL-E-24763A Acrylic Emulsion Type II, CI 2 LSA	LSA Deck Gray	26008
MRN27323	Amercoat 8022L	MIL-E-24763A Acrylic Emulsion Type II, CI 2, LSA	LSA Ocean Gray	26173
MRN26975	Amercoat 8022L	MIL-E-24763A Acrylic Emulsion Type II, CI 2, LSA	LSA Haze Gray	26270
MRN36810	Amercoat 8022L	MIL-E-24763A Acrylic Emulsion Type II, CI 2, LSA	LSA White	27875
MRN27289	Amercoat 8023	MIL-E-24763A Acrylic Emulsion Type II, CI 3 LRC	LRC Deck Gray	36076
MRN27285	Amercoat 8023	MIL-E-24763A Acrylic Emulsion Type II, CI 3 LRC	LRC Ocean Gray	36173
MRN27338	Amercoat 8023	MIL-E-24763A Acrylic Emulsion Type II, CI 3 LRC	LRC Gray	36231
MRN37287	Amercoat 8023	MIL-E-24763A Acrylic Emulsion Type II, CI 3 LRC	LRC Haze White	36375

Commercial Uses:

For use on exterior superstructures where semi-gloss waterbased material is preferred over solventbased materials.

Physical Properties:

Gloss:	45 – 60 @ 60°
Volume Solids:	36.6 - 42 +/- 2.0% (color dependent)
Weight Solids:	42.4 – 56.2 +/- 2.0% (color dependent)
Weight per Gallon:	9.4 – 11.3 +/- 0.2 lbs/gallon (color dependent)
VOC:	2.1lbs/gallon maximum
Substrate Tested:	Primed steel and aluminum
Viscosity:	100 KU max.
Recommended Film Thickness:	2.0 – 3.0 mils DFT
QUVA 313 Bulbs:	300 hours – Gloss loss: less than
Theoretical Coverage:	587 sq ft/gal @ 1 mil dft

Application Information:

Mix Ratio:	Single Component
Reducer:	Water
Cleaning Solvent:	Water
Pot Life:	N/A
Dry Time:	Set To Touch: 2 hrs. max, Dry Hard: 8 hrs. max, Recoat: 16 hrs. max.
Full Cure:	A function of time, temperature, and film thickness.
Conventional Spray:	Air Pressure: As required for proper atomization. Fluid Pressure: As required for proper atomization. Cap: Medium to Heavy Viscosity Tip: 2 –3 mm
Airless:	Pressure: 1700 – 2100 psi Tip: .011 - .013
Brush and Roll:	Long haired brush. Use phenolic core roller.
Note: The above parameters are to be used as a guideline only.	

Contact Information:

Pacific Southwest Coatings

PPG Protective & Marine Coatings Representatives

Phone: 562.691.9600

www.pacificsouthwest.net

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