



AMERICAN COATINGS

74 SERIES ACRYLIC ENAMEL FINISH COATS

A durable, high performance finish with excellent Distinctness of Image and good gloss retention.

GENERAL FEATURES

- LOW V.O.C.
- INDEFINITE RECOATABILITY
- VERY HIGH GLOSS
- BRUSH ROLL OR SPRAY
- HIGH SOLIDS
- FAST DRY PROPERTIES

DESCRIPTION

American Coatings 74 Series Acrylic Enamel Finishes are formulated from unique blend of high performance resins. The 74 Series Products are known for their gloss retention and excellent Distinctness of Image that rival those of a two part polyurethane.

USES

74 Series Acrylic Products are used in industrial finishes where an upgrade from conventional alkyds are needed. With the recommended primer these high performance coatings are great performers for drilling rigs and rig equipment, over the road trucks, and trailers.

PHYSICAL DATA

Finish ----- High Gloss
 Color ----- Various
 Applied Over ----- Properly prepared steel, galvanized and aluminum
 Components ----- One
 Cure ----- Air Dry
 V.O.C. ----- 3.4 lbs / g.

Volume Solids ± 2% ----- 45 – 46 %

Recommended Film Thickness

Wet ----- 4 - 6 mils
 Dry ----- 2 – 2.5 mils
 Number of Coats ----- One
 Application Method ----- Conventional or Airless

Thinning Required----- 0 – 10%

Dry Time @ 77°F and 50% RH:

Touch ----- 15 minutes
 Tack Free ----- 2 hours
 Dry Hard - ----- 24 hours

*Theoretical Coverage at:

Recommended Thickness----- 366 – 293 sq. ft/gal

Temperature Limit

Immersed ----- N/R
 Atmospheric ----- 180° F

Miscellaneous Properties

Shelf Life ----- 1 year

SURFACE PREPARATION

Surfaces should be free of dust, dirt, oils, moisture and other contaminants. 74 Series products should be applied over properly primed steel, galvanize, and aluminum. Recommended primers are American AX Series, RX Series, SX Series and the all purpose primers AK3550 and AK3561.



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APPLICATION INFORMATION

Do not apply below 50° F and/or humidity's above 85 percent.

APPLICATION METHOD

Conventional or Airless spray, brush or roll.

MIXING

Thoroughly mix to be assured that all settling has been eliminated and that a good homogeneous color exists.

CLEAN-UP AND THINNING

Clean all equipment with TH 600. If thinning is necessary, thin with TH 370 exempt thinner or TH600 or TH620 if V.O.C. is not a concern

SPRAY EQUIPMENT

FOR AIRLESS SPRAY

Pump Ratio ----- 33:1
 Air Supply (in) ----- 65 – 75 psi
 Hose Diameter (ID) ----- 1/4"
 Hose Length ----- 100'
 Tip Size ----- .011 - .017
 Atomization Pressure ----- 2,150

FOR CONVENTIONAL SPRAY

Spray Pot Dual Regulation
Air Gauges for Pot Pressure and Atomization Air

Air Supply (in) ----- 100 psi
 Material Hose (ID) ----- 1/2"
 Material Hose Length ----- 50'
 Air Hose (ID) ----- 5/16"
 Fluid Pressure (psi) ----- 10 – 25 psi
 Atomization Pressure (psi) ----- 60 – 65 psi
 Fluid Tip Orifice Size (in) ----- .071"

SAFETY INFORMATION

FOR PROFESSIONAL USE ONLY! WARNING! FLAMMABLE, HARMFUL IF INHALED, CAUSES IRRITATION

Keep away from sparks or flame. Vapors may cause flash fire. Use with adequate ventilation. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator during and after applications unless air monitoring demonstrates vapor/mist levels are below applicable limits. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling content may be harmful or fatal. Follow all precautions. See product MSDS for more detailed information.

SHIPPING DATA

Proper Shipping Name ----- Paint Liquid
 Hazard Class----- Flammable Liquid
 Flash Pt. °F SETA ----- < 70° F
 UN No.----- 1263

PACKAGING

Shipping Weight -----10.0 lbs/ avg.

DISCLAIMER

The facts stated and the recommendations and suggestions herein are based upon experiments and supplier information believed to be reliable. No guarantee is made of their accuracy, however, and American Coatings ASSUMES NO LIABILITY FOR PRODUCT FAILURE OTHER THAN TO SUPPLY REPLACEMENT MATERIAL FOR PRODUCTS SHOWN TO BE DEFECTIVE WHEN DELIVERED OR TO REFUND THE PURCHASE PRICE. Except as stated, THERE ARE NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. AMERICAN COATINGS SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND CONSEQUENTIAL DAMAGES. No statement contained herein shall be construed as an inducement to infringe existing patents or as an endorsement of specific manufacturers.

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