



V-318 WATER REDUCIBLE CLEAR GLOSS

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION: V-318 Water Reducible Clear Gloss Enamel is formulated with special chemical and corrosion resistant pigments, combined with a special chain stop resin for excellent adhesion. Coating is designed to dry fast, with recoat of topcoat finishes within 2 to 4 hours depending on ambient temperatures.

INTENDED USES: V-318 is formulated for use on properly prepared substrates such as metal. Its primary use is fast dry equipment enamel, where a high gloss, quality product is desired for extended durability. Other intended uses are for ornamental ironwork, structural steel, and construction equipment.

SURFACE PREPARATIONS: For best results, it is important that all surface contaminants, such as moisture, oil, dirt, rust, and mill scale be removed before application of this product. V-318 water reducible gloss clear enamel can be applied to either blasted, hand, or power tool cleaned steel. A minimum of SSPC-2 hand tool cleaning required.

PHYSICAL INFORMATION

COLOR: CLEAR & TINTABLE

GLOSS LEVEL: GLOSS

SOLIDS BY WEIGHT: 30%

RECOMMENDED DRY FILM THICKNESS: 1.5-2.0 MILS

THEORETICAL COVERAGE: 400-500 SQ FT PER GALLON

METHOD OF APPLICATION: AIRLESS SPRAY, AIR SPRAY

DRYING TIME @ 72 F

TO TOUCH: 30-60 Minutes

TO HANDLE: 60-120 Minutes

TO RECOAT: 2-4 Hours

REGULATORY DATA

FLASHPOINT: 202 F

PRODUCT WEIGHT: 8.47 LB

MATERIAL VOC: 1.33 POUNDS PER GALLON / 159 GRAMS PER LITER

COATING VOC: 3.25 POUNDS PER GALLON / 390 GRAMS PER LITER

APPLICATION

MIXING: This material is a one-component coating and should always be mixed thoroughly with a power agitator before application.

MIX RATIO: Not applicable

WORKING POT LIFE: Not applicable

AIRLESS SPRAY: Recommended

Tip range 15-17 thou (0.38-0.43 mm)
Total output fluid pressure at spray tip not less
Than 2,500 p.s.i.

AIR SPRAY: Recommended
(Pressure Pot)

Gun	DeVilbiss	MBC or JGA
Air Cap	704	
Tip	E	

BRUSH: Not Suitable

ROLLER: Not Suitable

THINNER: Water

CLEANER: Water

WORK STOPPAGES: Thoroughly flush all equipment with water. All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and / or viscosity increase of the material after storage. Material should be filtered prior to use.

CLEAN UP: Clean all equipment immediately with water. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations / legislation.

SYSTEM COMPATIBILITY

The following primers are recommended for this topcoat

Water Reducible Primers

Alkyd Primers

Epoxy Primers

SHIPPING & STORAGE

NUMBER OF COMPONENTS: 1

PACKAGED IN: 55-Gallon Drums, 5 Gallon Pails, and 1 Gallon Cans

STORAGE TEMPERATURE: Minimum 20 F. Maximum 110 F

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