

V-2116 HI SOLIDS GLOSS WHITE EPOXY

TECHNICAL DATA SHEET



PRODUCT DESCRIPTION: V-2116 Gloss White Epoxy is a two component, polyamide epoxy enamel formulated to provide excellent chemical resistance, as well as being extremely resistant to abrasion and direct impact. Low temperature cure, corrosion resistant coating.

PRODUCT CHARACTERISTICS:

Pencil Hardness: >2H

Abrasion Resistance: 100 Milligrams Loss

Solvent Resistance: 100 Double Rubs with MEK

Reverse Impact: 100 Pounds

Adhesion: Excellent

Salt Fog Resistance: 1000 Hours 4F Blisters

Humidity Resistance: 1000 Hours 6M Blisters

INTENDED USES: V-2116 is a topcoat for primed, structural and miscellaneous steel. Its primary use is a fast dry, high performance coating for corrosive environments.

SURFACE PREPERATIONS: For best results it is important that all surface contaminants, such as moisture, oil, dirt, rust, and mil scale be removed before application of the primer. Can be applied to either blasted steel, also hand or tool cleaned steel. A minimum of SSPC-2 hand tool cleaning.

PHYSICAL INFORMATION:

COLOR: WHITE

GLOSS: GLOSS

SOLIDS BY WEIGHT: 75%

RECOMMENDED DRY FILM THICKNESS: 2.0-4.0 MIL

THEORETICAL COVERAGE: 350-500 SQ FT PER GALLON

METHOD OF APPLICATION: AIRLESS SPRAY, AIR SPRAY, BRUSH AND ROLLER

INDUCTION TIME: 30 MINUTES

DRYING TIME @ 72 F

TO TOUCH: 2 HOURS

TO HANDLE: 4 HOURS

TO RECOAT: 5 HOURS

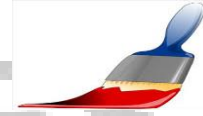
REGULATORY DATA

FLASHPOINT: 60 F

PRODUCT WEIGHT: 11.57 LB

MATERIAL VOC: 3.31 POUNDS PER GALLON / 397 GRAMS PER LITER

COATING VOC: 3.31 POUNDS PER GALLON / 397 GRAMS PER LITER



APPLICATION

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

MIX RATION: 3 to 1

WORKING POT LIFE: 8 Hours @ 72F

AIRLESS SPRAY: Recommended Tip Range 15-17 thou (0.38-0.43mm)
total output fluid pressure at spray tip not less than 2,500 P.S.I.

AIR SPRAY: Recommended Gun — DeVilbiss MBC or JGA
(Pressure Pot) Air Cap 704
Tip E

BRUSH: Suitable Typically 1.5-2.0 mils can be achieved. Care should be taken to avoid under application.

ROLLER: Suitable Typically 1.5-2.0 mils can be achieved. Care should be taken to avoid under application.

THINNER: MEK Do not thin more than allowed by local environmental legislation when applicable.

CLEANER: MEK

WORK STOPPAGES: Thoroughly flush all equipment with mek. 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 mek. 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.

Universal Primers

Epoxy Primers

SHIPPING & STORAGE

NUMBER OF COMPONENTS: 2

PACKAGED IN: 5 Gallon Pails, and 1 Gallon Cans.

STORAGE TEMPERATURE: Minimum 20 F. Maximum 110F