

V-2027 SILVER METALLIC URETHANE

TECHNICAL DATA SHEET



PRODUCT DESCRIPTION: V-2027 Silver Metallic Urethane is a two component urethane coating with excellent gloss and color retention. Cures to a very tough, abrasive resistant film with exceptional exterior durability, chalk resistance, color stability, and long term gloss retention. Excellent resistance to atmospheric exposure. Highly resistant to abrasion, impact, and chemicals. Air dry or force dry curing. Material can be factory adjusted for gloss differences and or texturing capabilities. Texturing minimizes surface irregularities, and provides 3-dimensional appearance. Offered in a full range of colors, or customer specific. Non-photo chemically reactive

PRODUCT LIMITATIONS:

1. Must be catalyzed at a 3-1 ratio
2. Do not hot spray. Heat shortens pot life
3. Dip, flow coat and brushing not recommended
4. Do not vary catalyst ratio. The catalyst ratio has been established for optimum hardness, flexibility, gloss, chemical, and solvent resistance.
5. Protect urethanes, and activators from water and moisture.

INTENDED USES: V-2027 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. V-2027 can be applied to either blasted, hand or power tool cleaned steel. A minimum of SSPC-2 hand tool cleaning required.

PHYSICAL INFORMATION

COLOR: SILVER METALLIC

GLOSS: SEMI GLOSS

SOLIDS BY WEIGHT: 70%

RECOMMENDED DRY FILM THICKNESS: 1.5-2.0 MILS DFT

THEORETICAL COVERAGE: 400-500 SQ FT PER GALLON

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

DRYING TIME @ 72 F

TO TOUCH: 20-30 MINUTES

TO HANDLE: 45-60 MINUTES

TO RECOAT: 12 HOURS

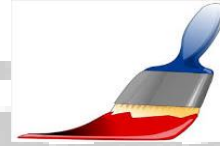
REGULATORY DATA

FLASHPOINT: 80 F

PRODUCT WEIGHT: 10.75 LBS

MATERIAL VOC: 3.29 POUNDS PER GALLON / 394 GRAMS PER LITER

COATING VOC: 3.29 POUNDS PER GALLON / 394 GRAMS PER LITER



APPLICATION

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

MIX RATION: Not applicable

WORKING POT LIFE: Not applicable

AIRLESS SPRAY: Suitable

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: Suitable
(Pressure Pot)

Gun	DeVilbiss	MBC or JGA
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: Xylene

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

CLEANER: Xylene

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

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

STORAGE TEMPERATURE: Minimum 20 F. Maximum 110F