

V-003 SHOP COAT HI SOLIDS GRAY PRIMER

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION: V-003 Shop Coat Gray Primer is formulated with a special chemical and corrosion resistant pigments, combined with a special resin for excellent adhesion. Excellent for fast handling of steel, where a lead free and chromium free primer is needed.

INTENDED USES: Shop coating or field priming weather-exposed structural and miscellaneous steel tanks, machinery, and equipment to be top coated with most oil, alkyd, or latex topcoats. Do not use on galvanized metal or immersion service. For optimum performance a topcoat is required for exterior exposures.

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 primer. V-003 gray shop coat primer can be applied to either blasted, hand, or power tool cleaned steel. A minimum of SSPC-2 hand tool cleaning required.

PHYSICAL INFORMATION

COLOR: GRAY

GLOSS LEVEL: FLAT

SOLIDS BY WEIGHT: 67%

RECOMMENDED DRY FILM THICKNESS: 1.5-2.0 MILS

THEORETICAL COVERAGE: 350-400 SQ FT PER GALLON

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

DRYING TIME @ 72 F

TO TOUCH: 30 MINUTES

TO HANDLE: 60-90 MINUTES

TO RECOAT: 60-90 MINUTES

REGULATORY DATA

FLASHPOINT: 45 F

PRODUCT WEIGHT: 11.47 LB

MATERIAL VOC: 2.46 POUNDS PER GALLON / 295 GRAMS PER LITER

COATING VOC: 2.76 POUNDS PER GALLON / 331 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: 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.

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 topcoats are recommended for V-003 shop coat gray primer.

Alkyds

Silicone Alkyds

Latex

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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