

## **V-2811 HI BUILD HI SOLIDS UNIVERSAL GRAY PRIMER**

## **TECHNICAL DATA SHEET**



**PRODUCT DESCRIPTION:** V-2811 Hi Build Hi Solids Universal Gray Primer is formulated with corrosion resistant resins, and rust inhibitive additives. Also suitable as a “barrier” coat over conventional coatings which would normally be attacked by strong solvents in high performance coatings. This coating is suitable for use under a wide a wide range of high performance coatings after proper curing. This primer has superior adhesion and is lead and chromium free.

**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, epoxies or urethanes. Do not use on galvanized metal or immersion service. For optimum performance a topcoat is required for exterior exposures.

**SURFACE PREPERATIONS:** For best results it is important that all surface contaminants, such as moisture, oil, dirt, rust and mill scale be removed before application. V-2811 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:** FLAT

**SOLIDS BY WEIGHT:** 76%

**RECOMMENDED DRY FILM THICKNESS:** 2.0-3.0 MILS

**THEORETICAL COVERAGE:** 400-500 SQ FT PER GALLON

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

### **DRYING TIME @ 72 F**

**TO TOUCH:** 15-30 MINUTES

**TO HANDLE:** 30-90 MINUTES

**TO RECOAT:** 24 HOURS

### **REGULATORY DATA**

**FLASHPOINT:** 80 F

**PRODUCT WEIGHT:** 11.29 LB

**MATERIAL VOC:** 2.99 POUNDS PER GALLON / 358 GRAMS PER LITER

**COATING VOC:** 2.99 POUNDS PER GALLON / 358 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 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 topcoats are recommended for this primer

Alkyds

Silicone Alkyds

Acrylic Enamels

Urethanes

Epoxies

## SHIPPING & STORAGE

**NUMBER OF COMPONENTS:** 1

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

**STORAGE TEMPERATURE:** Minimum 20 F. Maximum 110F.