



V-2045 WATER BASE CLEAR ACRYLIC

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION: V-2045 Water Base Clear DTM Acrylic that offers excellent direct to metal qualities. This coating is a low V.O.C. formulation, with a good balance of hardness and flexibility. Has excellent adhesion on ferrous and non-ferrous substrates. Excellent water resistance, exterior durability, and superior salt spray resistance, and non-yellowing. Longevity of coating depends on surface preparation. For harsh environments a primer is recommended.

INTENDED USES: V-2045 is formulated for a direct to metal, on properly prepared substrates. Its use as a fast dry acrylic where a high gloss, and long term gloss retention is needed. Great for construction equipment, structural steel, ornamental iron, etc. Meets or exceeds M.P.I. 107

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-2045 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: GLOSS

SOLIDS BY WEIGHT: 48%

RECOMMENDED DRY FILM THICKNESS: 1.5-2.0

THEORETICAL COVERAGE: 400-500 SQ FT PER GALLON

METHOD OF APPLICATION: SPRAYED, ROLLED, OR BRUSHED

DRYING TIME @ 72 F

TO TOUCH: 30-60 MINUTES

TO HANDLE: 60-120 MINUTES

TO RECOAT: 2-4 HOURS

REGULATORY DATA

FLASHPOINT: N/A

PRODUCT WEIGHT: 8.70 LBS.

MATERIAL VOC: 0.3 POUNDS PER GALLON / 36 GRAMS PER LITER

COATING VOC: 0.38 POUNDS PER GALLON / 46 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: WATER

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

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:

N/A

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

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