

V-2148/2050 WHITE/LT BASE WATERBORNE EPOXY

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION: V-2148/2050 White / Lt Base Waterborne Epoxy is a high performance, low V.O.C. waterborne two component epoxy system. Has hard wearing chemical resistant for use on equipment and structural steel in aggressive environments. Suitable for application to correctly prepared concrete floors and walkways. May be applied to most architectural finishes to upgrade abrasion resistance. Will amber or chalk when exposed to sunlight.

INTENDED USES: Waterborne Epoxy is formulated for use on properly prepared substrates such as metal or concrete. Its primary use is where a high gloss, quality product is desired for extended durability. Other intended uses are for any type of harsh environments.

SURFACE PREPARATIONS: For best results, all surfaces to be coated should be clean, dry and free from contamination. Aluminum and galvanize must be pre treated. Concrete should be cured 28 days. Poured and precast concrete must also be acid etched to remove laitance.

PHYSICAL INFORMATION

COLOR: WHITE & TINTABLE

GLOSS LEVEL: GLOSS

SOLIDS BY WEIGHT: 52% / 84%

RECOMMENDED DRY FILM THICKNESS: 2-3 MILS

THEORETICAL COVERAGE: 300 SQ FT PER GALLON

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

INDUCTION TIME: 30 MINUTES

DRYING TIME @ 72 F

TO TOUCH: 2 Hours

HARD DRY: 24-48 Hours

TO RECOAT: 12 Hours

(DARKER COLORS MAY REQUIRE LONGER DRY TIMES)

REGULATORY DATA

FLASHPOINT: 115 F / N/A

PRODUCT WEIGHT: 8.5-10.5 LB

MATERIAL VOC: 1.49 POUNDS PER GALLON / 179 GRAMS PER LITER

COATING VOC: 1.49 POUNDS PER GALLON / 179 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 RATIO: 3 Parts Catalyst: 1 Part Epoxy

WORKING POT LIFE: 3 Hrs @ 77f

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 Gun DeVilbiss MBC or JGA
(Pressure Pot) Air Cap 704
Tip E

BRUSH: May be brushed

ROLLER: May be rolled. Do not use lamb wool roller covers

THINNER: Water

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

The following primers are recommended for this topcoat

Water Base

Alkyd

Epoxy

SHIPPING & STORAGE

NUMBER OF COMPONENTS: 2

PACKAGED IN: 1Gallon Kits

STORAGE TEMPERATURE: Surface and ambient temperature must be 50f or above for 24 hrs after completion