

V-2012 CLEAR PROFESIONAL FLOOR EPOXY

TECHNICAL DATA SHEET



PRODUCT DESCRIPTION: is a two component, high solids epoxy floor coating designed for high traffic areas on concrete floors. Can be used on wood and tile. Formulated to provide excellent chemical resistance, as well as being extremely resistant to abrasion and direct impact. Colored chips are available to change appearance on concrete floors.

INTENDED USES: V-2012 Clear Professional Floor Epoxy primary use is for high traffic new, and old concrete floors. Can be used on wood and tile. Intended use for V-2012 Professional Clear Floor epoxy is for tinting, to achieve dark colors and to apply over recent application of colored epoxy with colored chips. Outstanding impact, and chemical resistance.

SURFACE PREPERATIONS: New concrete must be cured for a minimum of 30 days, clean all dirt, oil spots, etch floor with concrete etch, rinse thoroughly and let dry. Previously painted floors must be tested for compatibility to ensure proper adhesion. All epoxy coatings may chalk or discolor on exterior exposure. Rate of chalk depends upon conditions, will have no adverse effect upon film property.

PHYSICAL INFORMATION

COLOR: CLEAR & TINTABLE

GLOSS: GLOSS

SOLIDS BY WEIGHT: 82%

RECOMMENDED DRY FILM THICKNESS: 2.0-4.0

THEORETICAL COVERAGE: 300 SQ FT PER GALLON

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

INDUCTION TIME: 30 MINUTES

DRYING TIME @ 72 F

LT FOOT TRAFFIC: 16 Hours

HV FOOT TRAFFIC: 24 Hours

VEHICLE TRAFFIC: 3 Days

TO RECOAT: 16 Hours

REGULATORY DATA

FLASHPOINT: 80 F

PRODUCT WEIGHT: 11.06

MATERIAL VOC: 2.11 POUNDS PER GALLON / 253 GRAMS PER LITER

COATING VOC: 2.11 POUNDS PER GALLON / 253 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. The activator for this product is V-2016. **Important:** You must wait 15 minutes after mixing catalyst and base.

MIX RATION: 3-1

WORKING POT LIFE: 4-6 Hours @ 72F

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:

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

CLEANER:

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

SHIPPING & STORAGE

NUMBER OF COMPONENTS: 2

PACKAGED IN: 5 Gallon Pails, and 1 Gallon Cans.

STORAGE TEMPERATURE: Minimum 20 F. Maximum 110F