

CPU 747 Specification and Data Sheet

1: PRODUCT NAME

DUMOND CPU 747
GRAFFITI BARRIER COAT

2: MANUFACTURER

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3: PRODUCT DESCRIPTION

DUMOND CPU 747 Graffiti Barrier Coating is a two component waterborne, hybrid coating exhibiting superior graffiti, chemical and abrasion resistance. As a clear or pigmented system, 747 is resistant to embrittlement and other environmental and weather related exposures. A two coat treatment of CPU 747 will enhance the appearance and extend the life of a variety of surfaces that can be easily maintained.

DUMOND CPU 747 is a ready to mix and use coating. Dry films based on this unique, hybrid coating provide exceptional chemical and abrasion resistance, hardness and flexibility. CPU 747 provides the ultimate in surface protection against graffiti, harsh chemicals, solvents, efflorescence and severe environmental elements.

CPU 747 Part A is a combination of urethane and fluorinated acrylic resins. The acrylic portion of this product is manufactured with the fluorochemical component attached to the backbone acrylic resin. Attaching the fluorochemical to the backbone, provides long term protection and simple graffiti removal for the life of the coating.

USES: Use CPU 747 for interior and exterior applications as a graffiti barrier for brick, concrete, stucco, precast, block, natural stone, painted surfaces, fiberglass and wood. CPU 747 can also be applied onto metal surfaces that have been primed with a compatible metal primer.

PREPARATION: Test patch before general use to determine compatibility, yield and surface appearance. Before application, thoroughly clean and rinse surface with appropriate Safe 'n Easy product. Metal surfaces should be sanded and primed before using CPU 747.

4: TECHNICAL DATA:

Appearance:
Part A: clear or pigmented
Part B: A viscous, clear to slightly amber liquid.
Solids: 44-45%
VOC: 99 g/l
Meets or exceeds all VOC laws.

FILM PROPERTIES:

Gloss: 20 and 60 degree: 85/92
Pencil Hardness: 2H
MEK double rub test: 300+
Pot Life: 5-6 hours
Re-coat Time: 2-3 hours
Maximum Hardness: 4-7 days, depending on temperature and humidity.

5: APPLICATION: Add one container of part B to one container of part A and mix thoroughly. If not thoroughly mixed, product will not dry and cure properly. Higher temperatures slightly reduce pot life. Do not apply mixed (A+B) product that is 5 hours old. Coating may be applied by spray, brush or roller. Back roll or brush any runs, drips or excess product within 5 minutes.

As a graffiti barrier on porous surfaces, a minimum of two coats is recommended OR an application of our CPU Primer can be substituted as the first coat. Non-porous and painted surfaces may only require one coat. Cooler temperatures or high humidity will slow down the dry time. If required, apply second coat when surface is tack free. Dry film thickness is 2mils/coat when applied at a rate of 300/325 square feet per gallon.

STORAGE AND SHELF LIFE: The shelf life of unopened containers of CPU 747 is 12 months. Previously opened cans, exposure to heat and sunlight will reduce the shelf life. Protect from freezing.

AVAILABILITY AND COST:

All Dumond products are available through a network of distributors. Call Dumond Chemicals (800) 245-1191 for the nearest distributor.

6: LIMITED WARRANTY

The manufacturer and distributors liability under any express or implied warranty is limited solely to replacement or product that is defective or refund the purchase price. Claims must be made within one year of purchase. The manufacturer and distributors shall not be liable for injury, labor or any consequential damages.

TECHNICAL SERVICES:

Dumond's expert staff is available to answer technical questions and provide product-specific information required by architects, specifiers, contractors and property owners. Expert on-site assistance is available at no additional cost. Call 800-245-1191 or e-mail plaway@aol.com with product or technical questions.