

CPU 947 Specification and Data Sheet

PRODUCT NAME:
Watch Dog CPU 947

MANUFACTURER:
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Product Description

Watch Dog CPU-947 is a single component, non-sacrificial, fluorinated polyurethane coating that provides non-stick and high-slip performance characteristics against graffiti – most spray paint will run-off the protected surface, deterring vandals from continuing. Formulated and tested to provide superior weathering, corrosion, abrasion, and chemical resistance for an array of substrates (ferrous and non-ferrous metals, masonry, concrete, brick, stone, wood, fiberglass, stucco, and painted surfaces) making repeated graffiti removal for both interior and exterior applications quick and easy.

Test Area

ALWAYS TEST each type of surface/substrate before general uses to determine compatibility, yield, appearance, and desired results before overall application. Also test for the application technique and method needed to achieve the correct **Wet Mil Film Thickness** for both single and (2) two-coat applications mentioned below.

Surface Preparation

Surface must be clean, dry, and free from dirt, grease, oil, and other contaminants which may inhibit adhesion. If cleaning is necessary, pressure wash and use the appropriate **DUMOND Safe'n Easy Stone & Masonry Care** product to ensure all surface contaminants are removed. When applying over existing paint, check for compatibility before starting. Metal and Glossy surfaces must be sanded for adhesion. **Watch Dog CPU-947** should **not be applied** when air or surface temperatures are or likely

to be lower than 40° F, or above 95° F. Apply the coating only when the surface and air temperature is more than 5° F above the dew point and relative humidity is below 85%, cold conditions or condensation may adversely affect the appearance of the dried film.

IMPORTANT

Spray Applied: the product **must be applied in (2) two-coats**. The first coat is a very light tack or fog coat (**not exceeding a 2.0 Wet Mil Film Thickness**) acting as a bonding agent and needs no more than 15-20 minutes to tack. The second coat **must be applied WET-ON-WET**. The second coat **must not exceed a 4.0 Wet Mil Film Thickness** and must be sprayed in a uniformed fashion; do not exceed this Wet Mil Film Thickness or allow the product to puddle or pond, this will cause the film to blush or haze.

Brush or Roller Applied: If (2) two-coats are required (when spray application is not appropriate or achieving color uniformity) the product **must be applied** at the Wet Mil Film Thickness mentioned above and **must be applied WET-ON-WET**.

Apply even and uniformed coat using HVLP, Airless Spray Equipment, brush or roller (short nap with solvent resistant core) not exceeding a **Wet Mil Film Thickness of 2.0 mils for the first coat** if a second coat is needed, avoid excess overlapping. **Second Coat:** Allow the first coat to tack for no more than 15-20 minutes. The second coat **must be applied WET-ON-WET**. The second coat **must not exceed a 4.0 Wet Mil Film Thickness** and must be applied in a uniformed fashion. **5.** Clean tools and equipment with M.A.K. Reducer.

NOTE: Non-porous and painted surfaces require only (1) one brushed or roller applied coat **not exceeding a Wet Mil Film Thickness of 4.0 mils**. Bare surfaces or unfilled porous substrates require a (2) two-coat application for maximum protection and easy graffiti removal, substrate must be pin-hole free. **Watch Dog CPU Masonry Primer/Sealer** is recommended as the first coat on porous substrates to fill voids and cavities,

requiring only (1) one brushed or roller applied finish coat of **Watch Dog CPU-947**.

Coverage and Mil Film Thickness

Wet - 4.0 mils @ 350/400 ft. per One Gallon Kit

Dry to 2.0 mils

Maintenance

Graffiti Removal: Allow 3-5 days curing time prior to applying or removing graffiti; once the substrate has cured, remove graffiti as soon as possible. Apply **Watch Dog Lift Away Graffiti Remover** directly to the graffiti and allow it to work for 5-30 minutes. Agitate with a nylon scrub-brush and rinse thoroughly with water. **Note:** Use of any product other than **Watch Dog Lift Away Graffiti Remover** to remove graffiti may damage the protective coating, thereby necessitating reapplication. The use of this chemical graffiti remover before the coating has cured (1-2 Days) will affect the integrity of the coating.

Safety and First Aid

1. Use with adequate ventilation, avoid excessive exposure and breathing of vapor. Avoid contact with skin or clothing and wash thoroughly after handling.
2. Wear solvent resistant gloves, goggles, and properly fitted OSHA approved respirator during application.

VOC – 0 g/L

AVAILABILITY & COST: Watch Dog™ products are available through a nationwide network of paint and hardware stores, and construction and safety supply distributors. For the outlet nearest you, call 800/245 -1191 or email plaway@aol.com. Watch Dog™ CPU-947 coverage rates.

LIMITED WARRANTY:

The manufacturer and distributors liability under any express or implied warranty is limited solely to replacement of product that is defective or refund of the purchase price. Claims must be made within one year of purchase and be accompanied with proof 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 email plaway@aol.com with product or technical questions

Curing and Pot Life

Dry time at 21C/70F ambient air cure. Tack free 4-6 hours. Full cure: 24 hours. Time may vary with environmental and/or climatic conditions. This material is moisture sensitive. The product must kept covered at all times after mixing and during the application to prevent contamination and prevent moisture absorption.