

# Product Data

## Professional® Water Sealant & Anti-Graffiti

*A silicone rubber based sealant that provides a clear, non-sacrificial, penetrating barrier against graffiti and water intrusion.*

### PRODUCT DESCRIPTION



The Anti-Graffiti System has been formulated and tested to provide superior protection against water intrusion and also allows for the easy removal of unwanted graffiti. A clear silicone rubber based formulation for use on block, brick, concrete, wood, stone and other porous masonry surfaces. Penetrates and fills pores to prevent water intrusion and paint adhesion.

Protects both new and existing vertical substrates, has excellent stability against ultraviolet rays, salt spray, acid rain, mold and mildew. It also provides long lasting, non-sacrificial protection.

**VOC** Complies with EPA, CARB, and Northeast Ozone Transport Commission regulations regarding Volatile Organic Compound (VOC) content for Architectural and Industrial Maintenance Coatings.

#### *Advantages*

- Provides for easy removal of graffiti
- Non-sacrificial – withstands repeated cycles of graffiti removal with no requirement to reapply the water repellent/anti-graffitiant
- Cost effective
- Easy to apply with low-pressure spray
- Stops water intrusion, as well as provides graffiti protection
- Bridges hair-line cracks
- Breathable – allows moisture vapor to escape while preventing water penetration

#### *Limitations*

- Not suitable for extremely dense, polished, glass, plastic, metal, asphalt, painted, below-grade, or horizontal surfaces

### INSTALLATION

#### *Preparatory Work*

Prior to applying the water repellent/anti-graffitiant, take precautions to protect building occupants, pedestrians, vehicles, metal, glass, anodized aluminum, foliage, painted, and/or all non-masonry surfaces. Use polyethylene or other tested material for protecting surfaces that are not to be treated. Avoid breathing fumes as with any solvent-based product. When applying to occupied buildings, cover air intakes and air conditioning vents, which may carry the product or fumes. Air handling equipment should be shut down throughout the application process and remain covered until surfaces are visibly dry or until odor has dissipated. Maintain adequate ventilation when working on interior surfaces.

#### *Surface Preparation*

Surfaces to be treated must be clean, dry, and free from oil, dirt, grease, efflorescence, form release or any other coating which may inhibit penetration and adhesion of Professional® Water Sealant & Anti-Graffiti. Allow cleaned surfaces to dry completely. For surfaces that have been power-washed, allow a minimum of 72 hours drying time. Allow a minimum of 48 hours drying time after it has rained. Concrete and masonry should cure for 28 days before application. Caulking should be completed and cured prior to application. Damaged mortar joints should be re-pointed prior to sealant application. Extremely dense concrete surfaces should be prepared using soda, sand, or shot blasting to facilitate penetration.

Product application must not be initiated during inclement weather, when precipitation appears imminent, or when frozen moisture is present in substrate. Application should be completed at least twelve hours before onset of precipitation. Optimum surface and air temperature ranges for application are between 40° and 95° F. Can be applied at temperatures below 40° F, however the product will cure at a slower rate.

**Test Area:** ALWAYS TEST surface in an inconspicuous area prior to application to determine suitability. Apply graffiti resistant coatings to test panels in accordance with manufacturer's written instructions. Allow 5 days curing time prior to applying graffiti paint to test panels. Apply graffiti paint to test panels and allow at least 24 hours for paint to cure. Apply cleaner to test for ease of removal of graffiti. Do not begin full-scale application until test panels are inspected and approved.

**Color Enhancement** Dries to a clear flat finish. In most cases may enhance or darken the surface appearance. A slight sheen may result on dense substrates.

**Super Strength (PWS-15)** 15% Solids by Volume  
**Extra Strength (PWS-8)** 8% Solids by Volume  
These two formulations insure proper coverage for varying porosities of substrates. NOTE: *A two-coat application is required to establish an impenetrable barrier against graffiti. The first coat, in the two-coat process, is always Super Strength (PWS-15). The second coat is either Super (PWS-15) or Extra Strength (PWS-8), depending on the porosity of the substrate.*

Do not thin, dilute or alter product in any way. Dries to the touch in approximately two hours, depending on temperature and humidity. Five days are required to develop full graffiti protection. Keep container tightly sealed until ready to use.

- Application**
1. Apply material using a high-volume, low pressure, pump-up sprayer (between 40-50 psi), with a fan tip and solvent resistant fittings. Roller, brush of natural bristle, or foam may be used in areas where spray application is not appropriate. Do not use Airless spray equipment.
  2. **First Coat:** Apply in a flood coat, from top to bottom, being sure to obtain a 4 to 6 inch rundown of product from the point where the spray makes contact with the surface. Work all the way down the building covering the rundown as you go. Avoid excessive overlapping.
    - a. Some substrates may require back rolling after product is applied to smooth out any rundown lines.
    - b. Brush any excess product that may accumulate on ledges and other areas that may hold excess material.**Second coat:** Allow the surface to dry to the touch before applying a second coat (approx. 2 hours). Repeat application as described for first coat.

**Coverage Rates** **First Coat:** 60 to 150 sq. ft. per gallon  
**Second Coat:** 100 to 175 sq. ft. per gallon  
*Coverage rates should be determined by test applications.*

## MAINTENANCE

**Grffiti Removal** Remove graffiti as soon as possible after surface has been defaced. Apply Professional Phase II Cleaner directly to the painted surface and allow it to work for 5-10 minutes. Agitate with a nylon brush and rinse thoroughly with water. A power washer (not to exceed 1200 psi) may also be used to remove graffiti. Protected surfaces can withstand repeated cycles of graffiti tagging and removal. NOTE: *Use of any product other than Professional Phase II Cleaner is not recommended.*

## SAFETY INFORMATION

1. Avoid excessive exposure and breathing of vapor. Use with adequate ventilation. Do not take internally. Avoid contact with skin or clothing. Wash thoroughly after handling. Avoid contact with open flame, electric arcs, or other hot surfaces.
2. Wear solvent resistant gloves, goggles and an OSHA approved, properly fitted respirator during application.

**FIRST AID** **INHALATION:** Remove victim to fresh air. If breathing has stopped administer artificial respiration. Call a physician.

**SKIN:** Remove contaminated clothing and shoes. Wash exposed area thoroughly with soap and water for at least 15 minutes. Wash contaminated clothing before reuse.

**EYES:** Flush eyes immediately with water for at least 15 minutes. If irritation persists, call a physician.

**INGESTION:** DO NOT INDUCE VOMITING. Contact a physician or seek emergency medical treatment.

## AVAILABILITY & COST

Packaged in 1 gallon (3.785 liters) cans, 5 gallon (18.93 liters) pails and 55 gallon (208.20 liters) drums. Contact manufacturer for a distributor list. **Cost:** Contact authorized distributor.