**TECHNICAL DATA SHEET**

**PRODUCT DESCRIPTION**

Anti-Graffiti coating represents a new class of tough thin and durable advanced polymers. This easy to apply coating turns ordinary walls and ceilings into a cleanable canvas of art. It’s unique physical properties give it superior cleanability and resistance to Sharpie solvent markers and most paints. Universal rubbing alcohol is used as the cleaner fluid with a dry clean rag. The Anti-Graffiti Coating is used on school room walls to replace blackboards and dry erase boards, subway walls and ceilings to provide easier paint removal, hospital walls and floors to enable easy clean up sanitary surfaces, protect outdoor building walls, steel and concrete bridges members, public bathroom walls and any surface indoor or out which requires graffiti protection or to aid in cleaning.

This 70% solids 2-component coating is water based and therefore is easy to clean up using soap and water. It is easily applied using roller, air-less spray machine or brush. Pot life after mixing is 30 minutes with air dry tack free surface time of 45 minutes depending on ambient humidity. It may be formulated in just about any color or clear as its natural state. It exhibits a high functioning temperature of 220°F, excellent abrasion and outdoor UV stability. It remains flexible at 0°F and can withstand light mild solvent attack. Given this materials extraordinary clean-ability and durability characteristics it lends itself to many diverse demanding applications.

**PHYSICAL PROPERTIES**

|  |  |  |
| --- | --- | --- |
|  |  | **REGULAR** |
| Optical Clearity | Visual | Clear |
| Tensile Strength | ASTM D412 | 3410 psi |
| Elongation | ASTM D2256 | 350% |
| Hardness -Shore D | ASTM D785 | 45D |
| Abrasion -TaberCS17 | ASTM D4060 | 60 mg/1k cycles |
| Gel Time | Time | 45 min |
| Mix Ratio | PBV | 1:2 A/B |

**ADHESION RESULTS**

|  |
| --- |
| **Typical Substrates per ASTM D-4541 Elcometer** |
| Concrete\* | >50 psi | Excellent bonding |
| Steel\* | >50 psi | Excellent bonding |
| Composite Lamination\* | >50 psi | Excellent bonding |
| \*All substrates primed with SuperSkinSystems’ Primer 28 |

**HEALTH AND SAFETY**

Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

**TECHNICAL APPLICATION DATA**

Anti-Grafitti is a two component 70% solids aliphatic high performance coating. It has very low odor. Application temperature ranges from 60°F to 100°F. This material should not be applied to hot surfaces above 110°F. Working time at 75°F is approximately 1 hour. \*For use as a primer to achieve superior adhesion to substrate, mix A & B components 1A:1B ratio. For smooth self-leveling topcoats, use a mix ratio of 1A:2B. When used with color, use 1A:3B ratio. Always stir the B-Side thoroughly with jiffy mixer at low rpm prior to use while not inducing air (prevent entrapment of micro air bubbles). Functional operation temperature ranges from -40°F to 200°F. Anti-Grafitti is designed as a “Thin-Mil” coating and is not to be applied in thicknesses greater than 6-8 mils at one time. Coverage is approximately 250 sq. ft./ mixed gal.

**WARRANTY**

The information herein is believed to be reliable, but unknown risks may be present. superskinsystems, inc., warrants only that the materials shall be of merchantable quality. This warranty is in lieu of all other written or unwritten, expressed or implied warranties. superskinsystems, inc., expressly disclaims any warranty of fitness for a particular purpose, or freedom from patent infringement. Accordingly, Buyer assumes all risks whatsoever as to the use of these materials. Buyer's exclusive remedy as to any breach of warranty or negligence claim shall be limited to the purchase price of the materials. Failure to strictly adhere to recommended procedures shall relieve SUPERSKINSYSTEMS INC. of all liability with respect to the materials or the use thereof.