

Antigrafitti® 800

TECHNICAL DATA SHEET.

Product name:

Flexible, elastic, heavy duty out door coating.

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DESCRIPTION:

- Flexible and elastic heavy-duty outdoor three component coating.
- Developed to provide a protection shield, top coat finish on plastic substrates or plasticized PVC, PVDF, textiles such as:
- Lorry side curtains in natural colors or printed with large format advertising graphic, most digital inks compatible.
- Textile architectural elements as tensile structures, textile catenary, textile crane and covered,
- Truck covers, • Canvas,
- Tarpaulins, • Pool covers,
- Awning fabrics, • Vehicle signage.
- Banners, • TARTAN, athletic race track. (3M®) polyurethane.
- Tents, • MONDO, athletic race track. (MONDO®) polymer.

FEATURES:

- Glossy and smooth top coat finish, (also in mate and extramate).
- Available in transparent or color matching finish system.
- Excellent UV protection, supports prolonged sun exposure, unaltered in its brightness, color and elongation during its lifetime guaranteed.
- Chemicals and solvents outstanding resistance.
- Abrasion resistant.
- Finishing with excellent elongation.
- Outstanding UV protection, meant to extend substrates and colors life.
- Digital graphic enhancer, provides contrast and luminosity to graphics.
- Recommended on flexible substrates where elongation is required for long periods of time.

PRODUCT INFORMATION:

(@ 25 ° C : 50% rel. humidity)

Product nature:	Polyurethane
Polymer components:	3:1 ratio. Three component catalyzed polymer.
Components description:	20 pt <i>BASE</i> 10 pt <i>CROSS LINKER HARDENER.</i> 20 pt <i>COALESCING SOLVENT.</i>
Volume Solids (Transparent):	51.8%
Volume Solids (COLOR average):	54.6% ± 1.7 (depending on color)
Spray gun application use:	AGFT Thinner S-121
Roller application use:	AGFT Thinner for ROLLER S-121
Pot Life :	4 hours at 25 ° C

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PRODUCT INFORMATION:
(@ 25 ° C : 50% rel. humidity)Weight Solids (color): 63.2% ± 3.0 (depending on color)
Solids by Weight (transparent): 58.6%
VOC g / L Minimum: 393 Maximum: 436 21.5Yield: 2 m²/la a thousandth of an inch thick
Standard: 3.9 mil to 10 m² / l (Inch.)
Thickness of layers wet: 2.1 mil to 10 m² / l
Dry thickness: 4.2 mils
Number Two layer Thickness: 3 mil
Practical Performance recommended:

Take the theoretical basis and consider the potential loss factors depend on the method of application and he profile and porosity of the surface to be coated.

Drying time at 25 ° C
Touch: 4 hours
Drive: 24 hours
To Recoat: NON POSSIBLE
Full Cure: 72 hours

Provide: Any color on demand Bright Appearance Application Spray, roller or brush.

Storage: 12 months in tightly closed container at 25 ° C in the shade, in dry conditions away from sources of heat or ignition.

Presentation: In KIT: 2.0, 20.0, 40.0 liters.

- 1.- The volume solids, solids by weight and VOC content will vary depending on paint color.
- 2.- The theoretical yield is based on the average volume solids product, but will vary depending on the color of the paint.
- 3.- In special applications, please contact us to recommend the appropriate thickness and performance depending on the functionality sought.

SYSTEM COMPATIBILITY:	Apply directly on flexible substrates.	It is necessary to test adhesion to each item to be coated.
RESISTANCE:	Resists acids and acid fumes:	Sulfuric acid @ 10 % Hydrochloric acid @10 % Citric acid @ 10 %
	Resists alkalis:	Sodium hydroxide vapors @ 30% Potassium hydroxide @10%
	Excellent resistance to solvents:	Toluene, thinner, xylol and ethyl alcohol. Withstands spills of gasoline, ethanol and ethylene glycol.
	Water Resistant:	Freshwater dip Extraordinary . Sal Water Good.
	Prolonged sun exposure:	Extraordinary resistance.

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Abrasion resistance:	Excellent to abrasion
Adhesion:	Excellent to adhesion on compatible substrates, allways make compatibilty tests, over each INK lot.
Flexibility:	Excellent flexibility.
Elongation:	Has an extraordinary elongation ASTM D412 with ADMET less than 30%.

Note: These recommendations are only a guide, for specific applications please contact us.

APLICATION:

Depending on the surface on which to apply consult and follow the rules suggested for the successful implementation process and methods, where standards are specified.

Preparation and cleaning of surfaces are necessary, the surface must be clean and dust free. Free any other contamination, such as oxyde.

Surface must be dry.

System performance depends on surface preparation.

PREPARATION:

This material is of three components, therefore comes in three separate containers, PART A (base) and Part B (reactor), SOLVENT S-121 (coalescent), which complement each other to form a single material. For your application will always be mixed in the proportion indicated for proper crosslinking and therefore perform well. Never apply a material without their respective reactor. Before mixing the Part A, Part B and C, Should stir each component separately, to ensure proper consistency in each component.

Components description:	2.0 pt	A.- BASE
	1.0 pt	B.- CROSS LINKER HARDENER.
	2.0 pt	C.- S-121 COALESCING SOLVENT.

2.- Mix or blend A+B perfectly all content, including removing and mixing the material left in the walls and / or bottom of the container, until a homogeneous mixture, let stand for 5 minutes to achieve optimum reaction of both components.

3.- Add SOLVENT QM-S-121 as required, the less solvent you use, the thiker the coating is going to get.

4.- Verificar that all components are perfectly integrated to ensure uniform and defect-free layers.
5. Once prepared the mixture, you have a useful life of 8 hours, so the material should be applied before this time is met.

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IMPORTANT:

This product should be applied only by trained personnel in industrial applications, in response to suggestions and cautions are provided in the Safety Data Sheet for Chemical Substances (MSDS) in well-ventilated and appropriate safety equipment as it contains substances whose prolonged inhalation may affect health. If welding or cutting surfaces burn procedures already coated with this material is necessary to use special equipment for protection of smoke and dust with a ventilation system. Contains flammable substances, so in enclosed areas, ventilation is required. They must comply at the same time the rules and regulations that apply in place, Health, Safety and Environment.

Number of loading of the UN: Paint Related Material-1263

A Response Guide 128 (Emergency Response Guidebook 2004, GRE-2004).

For any questions the use of this material please consult:

www.antigrafitti.com