



SEI GRAFFITI PROOFER®

Semi-Sacrificial GPC-102

PRODUCT DESCRIPTION

GPC-102 is a unique cross-linked, one component, water-based, modified fluorosilane polymer that is VOC compliant and semi-sacrificial. GPC-102 was designed for protection against a wide variety of paints, markers, graffiti and other types of vandalism. GPC-102 both penetrates the structure and builds a durable film. The modified polymer has extremely high-slip characteristics and does not allow paint, graffiti and other markings to bond and cure on the substrate. The GPC-102 allows for expansion, contraction, building movement and temperature extremes. This product has tremendous UV, chemical and graffiti resistance with no odor. GPC-102 is also highly resistant to biological degradation for longer service life. GPC-102 is a clear and low sheen coating. GPC-102 exhibits fast dry properties and recoat times and can be used in both interior and exterior applications. GPC-102 is nondarkening, non-yellowing, non-whitening and nonflammable. GPC-102 exhibits one-way moisture vapor transmission as it allows moisture to escape but not enter. GPC-102 does not have a pot life and eliminates the need for unsafe and non compliant solvents, which reduces health and hazard concerns. GPC-102 is VOC and AQMD compliant and is non-toxic. It has demonstrated better gloss retention than SSPC standards under extended weathering testing as specified in ASTM G23.

APPLICATIONS

GPC-102 is designed to provide excellent performance over a wide range of substrates and applications. GPC-102 can withstand demanding environments, while maintaining its appearance and being user and environmentally safe. For very porous applications, we recommend the use of SCS-002SP Sealer Prime.

APPLICATION PROCEDURE

Use a brush, roller, Hudson, airless or HVLP sprayer. Apply to a surface that is clean, dry, and free of any grease, oil, wax, or dust. Hand tool clean loose paint, rust or other foreign material.

- Test all surfaces prior to full application.
- Test adhesion to surfaces or substrates where adhesion may be in question. Coatings that use silicon may cause the GPA-102 not to bond.
- Dry-to-touch: 15-45 minutes; Dry-to-handle: 45-1.5 hours, Full Cure: 12-24 hours
- Re-coat: Wet-on-wet - 10 to 45 minutes
- Clean up: Soap and water
- Storage: Self life is 12 months.
- Do not let freeze. Maximum temperature 50 °C (122 °F). Temperature limit to maintain product quality.
- Mix thoroughly before use.

PHYSICAL CHARACTERISTICS

Volume Solids:	50%
VOC:	64g/L
Flashpoint:	Not flammable

Graffiti:

1. Remove graffiti as soon as possible after surface has been vandalized.
2. Only use approved cleaners or removers as the coating can be damaged prematurely.
3. With the use of an approved cleaner or remover pressure wash or water rinse under 1500psi.
4. Graffiti can be removed with an approved cleaner or remover in combination with a soft sponge, soft bristle brush or rag.
5. Graffiti removals can damage the coating and the coatings integrity should be checked after a removal and reapplied as needed.
6. Expect 4-8 graffiti removals in the same spot when graffiti is removed as per the products instructions and with care and approved cleaning products.

RECOMMENDATIONS

1. GPC-102 should be accepted as a semi-sacrificial anti-graffiti coating
2. GPC-102 should be used as an anti-graffitant on all structures subjected to or considered to be targeted for graffiti.
3. A continuing record should be kept of areas cleaned and protected, noting all cycles attained.
4. It is recommended that graffiti be removed with approved cleaning chemicals and methods. By using other or not approved chemicals, one may dramatically decrease the number of cleaning cycles and potentially ruin the GPC-102. The number of cleaning cycles depends on many factors, including substrate, number of coats, porosity of substrate, chemical used and methods employed

COVERAGE

Surface	Meters	Feet
	Per 3.785 Liters	Per Gallon
Exterior Brick	11.6-13.9	125-150
Concrete	9.2-18.5	150-250
Concrete Block	7.4-11.1	80-120
Stucco	11.6-18.5	125-200
Smooth Stone	13.9-18.5	150-250
Surfaces subject to abrasion (decks bridges, etc.)	9.2-13.9	100-150
Rough Wood	6.9-18.5	75-200
Smooth Wood	13.9-18.5	150-200
Wood Shingles	6.9-11.6	75-125

LIMITATIONS

- GPC-102 should be tested on all substrates before application for adhesion.
- GPC-102 should not be applied in high wind, rain, or when the temperature is <45°F.
- Certain porous surfaces may require a sealer (SCS-002SP)
- Apply test patches before final application and the owner must approve before full application.
- Do not mix any form of catalyzing chemicals and do not dilute.
- Temperature and humidity directly affect dry time.

TECHNICAL SERVICE

Complete technical services and samples are available from SEI Chemical and its manufacturer's affiliates. Service includes assistance in engineering, design, specification and application. SEI Graffiti Proofer is designed for above-grade application.

DISCLAIMER:

The information provided is to be used as a guide and users should perform their own tests to ensure performance in their application. All data, statements, and recommendations made herein are based upon information we believe to be reliable, but are made without any representation, guarantee or warranty of accuracy.

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