



SEI GRAFFITI PROOFER®

Nano-Base

GPA-400

COMPOSITION & MATERIALS

The GPA-400 is a hard film forming anti-stick coating with leading-edge durability and chemical resistance. GPA-400 is single component, water-clear, UV stable, heat stable and the product dries to the touch in one hour. This product forms both a mechanical and chemical bond to inorganic and organic substrates making it universal in its application. The GPA-400's resin is a hybrid consisting of a patented methyl extended siloxane diol that is coupled with a unique nano-ceramic particulate that together provide both leading-edge durability and a high slip coefficient. The GPA-400 does not allow paint, graffiti, permanent marker, stickers and other markings to bond to the dry film. This product has been tested in a wide variety of climates and shows no deterioration from ultraviolet rays, ozone, salt spray or acid rain. The GPA-400 also allows for expansion and contraction, building movement, thermal cycling and is stable in temperatures north of 1500 Degrees F. This product is environmentally friendly, non-reactive, VOC, AQMD and CARB compliant. The GPA-400 exceeded the performance requirements for ASTM D6578 Graffiti Resistance Test. This product is packaged in aerosol and bulk gallon packaging.

PRODUCT DESCRIPTION

- Non-sacrificial, non-yellowing and clear
- Anti-stick characteristics
- Single component
- Allows expansion and contraction
- Can be applied to horizontal, vertical and wear surfaces
- ASTM D6578

PERFORMANCE PROPERTIES OF DRY FILM

- **Hardness:** 6H ASTM D3363 on chrome treated aluminum
- **Adhesion:** 90 – 100 % ASTM D3359 on chromated aluminum
- **Gloss:** 90 @ 60 degrees
- **Chemical Resistance:** MEK, Acetone, Brake Fluid, and organic solvents
- **UV Stability:** Excellent
- **Graffiti Resistance:** ASTM 6578 Type 1 - 100 % removal

APPLICATION GUIDELINES

Surface Preparation:

The surface is to be clean and free of any foreign matter including corrosion. The GPA-400 is applied in 1 coat - recommended thickness is 14-150 Microns dry depending on application and substrate. The product may be applied at 40°F and above and as long as there is no frozen moisture in the substrate. Product must be applied to a dry surface. Surface must be corrosion free at the molecular level although sanding may be sufficient a chemical cleaning and corrosion removal is recommended. Any existing corrosion may continue to propagate when coated that can lead to a coating failure in due course. Always apply to a test area before proceeding with entire application.

Application:

1. Mix or shake the product well before application.
2. Product can be applied by spraying, dipping, brush, or by roller.
3. Apply uniformly.
4. Avoid pooling or excessive product application. GPA-400 is considered a 'thin film' performer.

GRAFFITI REMOVAL

1. Remove graffiti as soon as possible after surface has been vandalized.
 2. Success has been achieved by using:
 - A dry soft light abrasive material.
 - Pressure washing under 1200 psi - Over 1000 psi may damage coating.
 - Water and detergent at no more than 10%
 - TWL-200 Graffiti Remover Towels
 - GR_SYS Graffiti Remover SYS
 - Any light alkaline, citrus, acetone cleaner.
- *Always test chemical cleaners before moving into a full application.

COVERAGE	Square Feet
Surface	Per Gallon
Exterior Brick	350-400
Concrete	500-600
Concrete Block	400-450
Stucco	350-400
Smooth Stone	550-600
Surfaces subject to abrasion (decks bridges, etc.)	500-600
Rough Wood	400-450
Smooth Wood	550-600
Wood Shingles	500-550
Metal(s)	700-800
Smooth Painted	700-750
Rough Painted	600-650

LIMITATIONS

Product application must not be initiated during inclement weather or when precipitation appears to be imminent. Product must not be applied to wet, frozen or dirty surfaces. Product must be checked and reapplied as needed in the specific area that has undergone sandblasting or soda blasting. Always apply test area before proceeding with entire application. Avoid over application. Avoid pooling product during application. GPA-400 is considered a 'thin film' performer and application of excessive product can result in poor film performance. Using a certified applicator is recommended.

CLEAN-UP STORAGE & HANDLING

Clean tools immediately after use with acetone or mineral spirits. Solvent cleaning can be followed by a wash with soapy water. Cured material cannot be removed with solvent. Proper clean up of equipment is essential. Storage Life: Minimum of 2 years for unopened containers. Pot Life: Usable life will be determined by the precautions taken to keep containers tightly sealed and protected from moisture. Disposal: Incinerate at a facility that is permitted for waste disposal.

PACKAGING

The GPA-400 is packaged in:

- 16oz (Net 12) and 24oz (Net 19) Aerosol cans - 12 per case
- 1-gal pail, 5-gal pail, 55-gal drum

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. All statements, technical information and recommendations contained herein are based on tests SEI Chemical believes to be reliable, but the accuracy or completeness thereof is not guaranteed. SEI Chemical warrants SEI products will be free from defects when shipped to customer. SEI Chemical's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify SEI Chemical of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer. SEI Chemical shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of SEI Chemical. The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose in no case shall SEI Chemical be liable for incidental or consequential damages. Limited warranty, for industrial use only. Keep out of reach of children, keep containers tightly closed, not for internal consumption, consult material. Consult Material Safety Data Sheet for more information.