



GRP-505 is MT-505 TDS

Graffiti Anti-Stick

Graffiti Anti-Stick is a patented, nano technological, permanent non-stick coating which does not allow paint, graffiti, adhesives, stickers, tapes and most markers to bond to the dry film.

It is a single component, vapor permeable, water-clear, UV & heat stable coating that is resistant to chemicals. Graffiti Anti-Stick incorporates a unique polymer with an extended nano particulate that produces an extremely high slip coefficient. It utilizes three different cross-linking mechanisms that provide depth of penetration, substrate adhesion and film durability which aid in its release performance.

This product forms a mechanical and chemical bond to inorganic materials and has unique organic functionality making its application virtually universal.

Graffiti Anti-Stick allows for expansion and contraction, building movement, temperature extremes, thermal cycling and freeze thaw cycles.

Recommended Uses Include:	
Asphalt & Concrete Sidewalks & Walkways	Any substrate requiring graffiti protection
Masonry & Brick Walls	
Signs	
Metal Containers	
Wooden Fencing	

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 or when conditions are windy as over spray is a hazard and environmental contaminants dispersed from windy conditions can land in the coating during curing. The product must be checked and reapplied as needed in the specific area that has undergone a graffiti removal. Always apply test area before proceeding with entire application.

The Graffiti Anti-Stick coating does adhere to many surfaces and does have varying adhesion rates depending on the substrate. It will not adhere well to certain plastics and other cured coatings. It is vital that an adhesion test is done before carrying out a full application and the owner has approved the coatings application on a test site in writing before a full application.

MT-505 may darken or 'wet out' certain mineral substrates. An application of *Stw-002-SP Sealer Primer* may prevent this. See Product Data Sheet. MT-505 cured film is considered to be soft and can be damaged during graffiti removal. Trained and certified personnel should carry out its application and removal in order to maintain the coating's integrity, performance, longevity and warranty. Graffiti Anti-Stick may pick-up dirt and/or environmental contaminants. Over time, this may darken the coating. Dirt pick-up can be removed with a water flush only; do not use chemicals to remove dirt from the coating's film.

When applying coating over whites and/or light shades and colors the owner of the structure must be made aware in writing with his or her signature of acceptance prior to the application.

Certain permanent and indelible markers can penetrate the Graffiti Anti-Stick. Always try to remove markers with the use of a dry cloth first. If a dry cloth fails to remove graffiti, remove the area in question with a paint scrapper, paint stripper chemical or by pressure washing at 1500 psi. Only remove the specific area that is damaged. When dry, reapply coating to area following original application guidelines. For more secure protection against markers, make sure the coating is applied in a minimum of 3 separate coatings with each application layer being fully cured prior to the next coating layer.

If adhesion problems occur with substrate or in coating-to-coating applications or during graffiti removal, consult your local Area Developer for assistance.



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Technical Data		
Vehicle Type	Poly Vinyl Acrylic	
Pigment Type	NA	
Volume Solids	35%	
Recommended film thickness	Wet	4 mils
	Dry	2 mils
Typical Coverage Rates		
Substrate	L M ²	ft ² /Gallon
Concrete	15 – 17	600 - 700
Exterior Brick	7.3	300
Concrete Block	2 – 2.5	80 - 100
Stucco	10 – 12.2	400 - 500
Smooth Stone	12.2 - 15	500 - 600
Rough Wood	7.3 – 8.5	300 - 350
Smooth Wood	10 – 12.7	400 - 520
Wood Shingles	10 – 12.2	400 - 500
Metal	15 – 17	600 - 700
Smooth Painted	15 – 17	600 - 700
Porosity and surface texture will determine volume requirements. Minimize excess paint disposal with accurate volume estimates.		
Dry Time @ 24° C (75° F) @ 50% RH	To touch	2 – 3 Hours
	Tack Free	4 - 6 Hours
	Cure	24 Hours
High humidity and cool temperatures will result in longer dry, recoat and service times.		
Dries by	Evaporation	
Viscosity	90 – 95 KU	
Flash Point	Non-Flammable	
Gloss/Sheen	Semi-gloss. Flat within 3 months of application	
Surface Temperature at Application	Minimum	10° C (50° F)
	Maximum	32° C (90° F)
Thin with	Do not thin	
Clean up with	Solvent degreaser	
Weight per gallon (3.78 L)	5.44 kg (12.00 lbs)	
Storage Temperature	Minimum	-12° C (10° F)
	Maximum	26° C (80° F)
Volatile Organic Chemicals (VOC)	0 grams/litre	



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Surface Preparation: The surface is to be dry, clean and free of any foreign matter including corrosion, hydrocarbons, moisture, ice, efflorescence, silicones, fluoro-products, etc. Some porous substrates may require more than one coat. Always test coating adhesion and performance before full application. Porous surfaces to be pressure washed must be allowed to dry for a minimum of 72 hours. After rain, allow 48 hours to dry. New concrete should be allowed to cure for 28 days. All caulking and finishing should be done before application. Apply Stw-002SP Sealer Prime to concrete surfaces prior to applying AG13 to prevent the substrate from darkening. Protect all glass, vehicles and surrounding surfaces from over spray. Always apply to a test area before proceeding with entire application.

Application:

Mix or shake well before application. Ensure there is no settled/cured material on the film or within the container. Cured or foreign matter must be removed prior to application. MT-505 can be stained if need be. Ensure product is consistent in thickness after stirring.

Apply via HVLP, airless sprayer, pump sprayer, aerosol can, roller or brush. Use a flood coat and apply liberally.

Roller: Use 1/2" synthetic nap roller. To a porous substrate apply from the bottom up. Excess build-up of product can accumulate on roller. Allow the product to saturate and flood the top of the roller and apply slowly as this will allow product to penetrate the substrate.

Spray: Apply with a fan tip. Back roll if needed. Apply from top to bottom and chase runs. This will typically provide a 3 MIL WFT and 2 MIL DFT. Can be applied wet on wet or wet on dry. For optimum performance allow the first coat to fully dry and cure before applying the second coat.

Clean Up:

Flush and clean all equipment immediately after use with mineral spirits.

MAINTENANCE

Remove graffiti as soon as possible after surface has been vandalized.

Remove graffiti by using:

- A dry rag, cloth or towels should be used first.
- Always test chemical cleaners before moving into a full application.
- Pressure wash: Less than 1500 psi.
- Water and detergent at no more than 10% with a rag or cloth
- Flush the coating with water after chemical cleaning to ensure the integrity of the coating.
- If the coating is damaged or removed, ensure surface is clean and dry. Reapply as described in the Application Guidelines section.

Environmental Health & Safety Information:

Caution

READ INSTRUCTIONS BEFORE USE

May cause allergic skin reaction

Do not get on skin or clothing

Use only in a well-ventilated area. Keep container closed when not in use,

In case of spillage, absorb with inert material and dispose of in accordance with local regulations.

Wash thoroughly after handling

Protect from freezing.

Refer to Safety Data Sheet for additional health and safety information.

Stir thoroughly.



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Behind Masters Touch is an experienced team of chemical engineers and research scientists devoted to making the impossible; POSSIBLE.

Our advanced coatings meet the demanding needs of military contractors, heavy industry, and homeowners alike with formulations that push the envelope in creating sustainable, affordable and easy to use products.



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