



# GRP-505

## Anti-Graffiti

### Presentation

2024



# About The Manufacturer

We're not just a coatings company; we're the vanguard of innovation, driven by an unwavering commitment to turning the impossible into reality. Since our inception in 2009, we've carved out a global reputation with our relentless pursuit of cutting-edge technology.

Our advanced coatings, recognized and certified by entities like NavSea, ABS, and National Sea Life Water Protection, are not just advanced; they're transformative.

You're not just getting products; you're gaining access to decades of expertise and an unwavering commitment to excellence.



### **GRP-505 Saves Time and Money**

GRP-505 Anti-Graffiti is a breakthrough in extreme anti-stick coatings. It encompasses the known benefits of nano-ceramic beads with proprietary ingredients able to reject water or solvent based paints and markers.

The dense composition creates an almost indestructible finish that will adhere to wood, metal, glass, concrete and other masonry type products.

505 rejects graffiti and makes cleaning a breeze. Often, only a dry cloth is needed to remove the stain. For more difficult to remove graffiti, mild soap and water or a pressure washer will easily rinse it off.



# Features & Benefits

## Features

- 9H Hardness – Diamonds are 10
- A micro texture finish
- A covalent/conformal and UV resistant coating
- Hydrophobic & Oleophobic.
- A single component coating.
- Low VOC & AQMD compliant
- Will cure in less than 2 hours.

## Benefits

- A rugged, long lasting finish that can withstand weather, vandals and taggers alike.
- Designed to reduce contact surface points between paints/markers and the coating. This prevents complete adhesion to the substrate surface.
- GRP-447 chemically and permanently bonds to steel, plastic, fiberglass, wood, stucco and glass surfaces, The thin-film technology conforms to all irregular shapes and will not yellow or whiten over time.
- Prevents rust and corrosion on all surfaces. It also rejects hydrocarbon based chemicals, fuel oils, and soot.
- Does not require a catalyst or primer. Simple easy to use applications anywhere, anytime.
- Safe for applicators and the environment.
- Quick curing times brings immediate protection to all surfaces.



# Uses



Master's Touch has designed a universally applicable anti-graffiti coating which can be easily applied to all of the various substrate types needing protection.

GRP-505 does not require a primer for application to substrates. Simply clean the surface free of all contaminants and apply coating.

Wooden surfaces require GRP-10 W or S (*Water or Solvent based*) sealer to surface area prior to coating application. Follow TDS instructions for application and clean-up.



# ASTM's

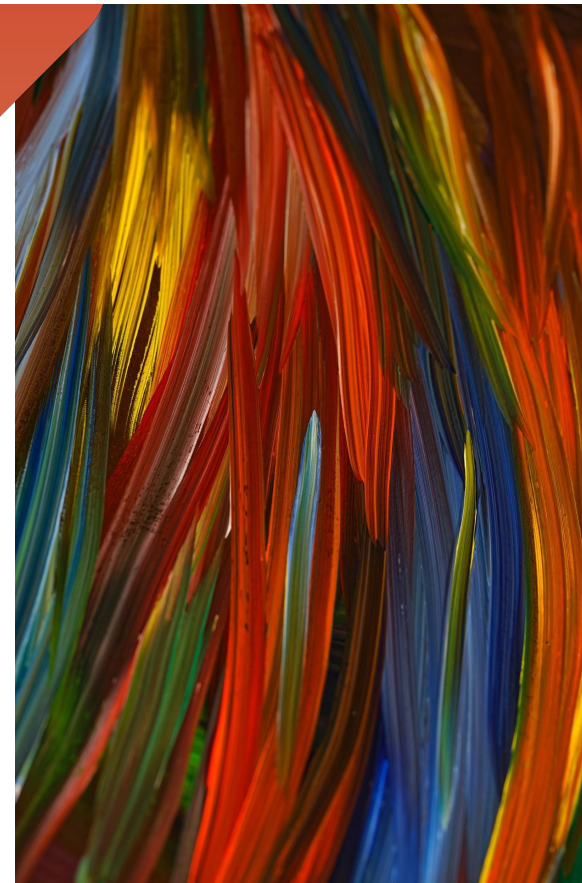
## Description

## Results

Description	Results
Chemical Resistance Common Solvents & Diesel	Excellent
ASTM B117 Corrosion Resistance (hrs.)	> 2,000 hours
ASTM D3363 Hardness Gouge	9H
ASTM D3363 Hardness Scratch	8H <i>(Scheduled for re-testing at US NavSea labs)</i>
ASTM D3359 Adhesion (Crosscut Adhesion)	5B
ASTM D522 Flexibility (Conical Mandrel Bend)	100% Resistance
ASTM D2794 Impact Performance Direct/Indirect	160 in-lbs/160 in-lbs (18.0777 Newton Meters (Nm))
ASTM D523 Specular Gloss	97.2

# Technical Properties

- Recommended film thickness/coat: wet 2.5 mils, dry 2 mils
- Dry time: 30 minutes
- Curing time: 12 hours
- Storage temperature: 5°C/40°F min, 25°C/78°F max
- Coverage per gallon (3.78L): 14.75 to 19.6 M<sup>2</sup> (600-800 Ft<sup>2</sup>)
- Clear but can be tinted to client preference
- DO NOT THIN (Ready to use)
- For a comprehensive list, please refer to the TDS datasheet



## GRP-505 Application

**To apply GRP-505, follow these steps:**

- Surfaces should be clean and dry before application
- Apply with foam pad/brush or by HVLP spray gun.
- Apply in horizontal and overlapping vertical strokes for full coverage
- Apply a total of 3 mils wet coating to surface.
- Apply 2<sup>nd</sup> coat while 1<sup>st</sup> coat is still wet.
- The application temperature must be between 4°C/40°F & 27°C/80°F
- GRP-505 can be applied to any metal, fiberglass, plastic, concrete, masonry and glass surface.
- Clean with acetone or mineral spirits.
- Follow complete directions on TDS



**Pick a Tool**





Behind the manufacturer 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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