



# GRP-10

## Wood & Concrete Protective Coating

GRP-10 is a Hydrophobic & Oleophobic, Carbon Dioxide & Chloride Barrier Coating for use on concrete, wood and other porous substrates.

GRP-10 protects reinforced concrete structures and infrastructure from the ravages of chlorides, carbonation and thermal damage which accelerate the deterioration of reinforcing rebar and steel. It will also protect wood and prevent mold & mildew without creating a slick surface even when wet.

Recommended Uses Include:	
Concrete bridge decks	Marina walkways
Post Tension structures	Basement walls
Parkades	
Pools above and below the water line	
Wood decks & stairs	

Limitations:	
Apply at temperatures between 50* to 85*	
Do not apply if within 5 C of Dew Point or if rain is expected within 12 hours	
Use safety equipment	
Do not leave the open container near flammable area	
Don use over heated surface over 90*	

Technical Data		
Vehicle Type	Acrylic	
Pigment Type	Titanium Dioxide	
Volume Solids	20%	
Recommended film thickness	Wet	3.6 – 5 mils
	Dry	2.2 – 3 mils
Coverage per gallon (3.78 L) at recommended film thickness	3.7 m <sup>2</sup> /L (150 ft <sup>2</sup> /gal.)	
Porosity and surface texture will determine volume requirements. Ensure accurate colour uniformity and minimize excess paint disposal with accurate volume estimates.		
Dry Time @ 25° C (77° F) @ 50% RH	Tack Free	1 Hour
	To Recoat	2 – 4 Hours
High humidity and cool temperatures will result in longer dry, recoat and service times.		
Dries by	Evaporation	
Viscosity	90 – 95 KU	
Flash Point	<17	
Gloss/Sheen	Glossy (4 – 10 @ 99° C (60° F))	
Surface Temperature at Application	Minimum	10° C (50° F)
	Maximum	32.2° C (90° F)
Thin with	N/A	
Clean up with	Solvent based degreaser	
Weight per gallon (3.78 L)	4.9 kg (10.8 lbs)	
Storage Temperature	Minimum	7.2° C (45° F)
	Maximum	30° C (85° F)
Volatile Organic Chemicals (VOC)	250 grams/litre	



# GRP-10

## Wood & Concrete Protective Coating

---

### Surface Preparation:

Surfaces must be clean and free of rust, dirt, oil, grease, wax, mildew, or any other surface contaminants. Remove any chalk and loose or scaling paint. Scrub with an Oil & Grease Emulsifier removing rust and mill scale by hand or power tool cleaning or sand blasting. Glossy surfaces must be dulled.

### Primers:

New surfaces of concrete or woods, no need for primer. Previously painted surfaces should be primed, or spot primed, as necessary. There are a number of specialty primers available in our family of brands that can be used on difficult substrates such as bleeding woods, hard glossy surfaces, or other substrates where paint adhesion or stain blocking is a problem.

---

### Application:

Stir thoroughly as normal paints. Make sure that container is fully closed after use, Use air pressure with 15 to 20 PSI only or paint brush. Spray 5" from the surface. Start with light coat and finish with second coat of 3+/- mils dry film

### Clean Up:

Clean up with solvent based degreaser.

---

### Environmental Health & Safety Information:

#### Caution

READ INSTRUCTIONS BEFORE USE

DANGER OF COMBUSTION

Keep away from flames or sparks  
Materials such as rags used with this product may begin to burn by themselves  
After use, put rags in water or lay flat to dry, then discard.  
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.