



MT-447 TDS

Concrete Anti-Stik Coating

MT-447 is a state of the art, nanotechnological, single component, corrosion preventative and concrete anti-stik coating.

MT-447 is a permanent coating able to resist the abrasive wear of concrete aggregates, chemicals, diesel fuel, form oil and concrete removal products. It has been designed with a super-slick finish which prevents cured concrete from bonding with metal, plastic, fiberglass, aluminum and most other substrates.

Concrete removal is as easy as using a spatula or a pressure washer.

Recommended Uses Include:	
Concrete mixing trucks & equipment	Screed
Pumper trucks	Roller Tubes
Hand tools	Concrete Vibrators
Wheelbarrows	Trowels
Power Buggies	Boots & other gear

Technical Data		
Vehicle Type	Solvent Based	
Pigment Type	Solvent Type	
Volume Solids	41% ± 2%	
Hardness	9H	
Recommended film thickness/layer.	Wet	First Coat 1 mil followed by 1.5 mils on 2 nd coat Important: Apply 2 nd coat while 1 st coat is still wet
	Dry	2 – 3 mils
Coverage per gallon (3.78 L) at recommended film thickness	14.75 – 19.6 sq. m. (600 – 800 sq. ft./gallon)	
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 (Brookfield Viscometer)	5.2 CP	
Flash Point	>17° C (62° F)	
Gloss/Sheen	Painted Aluminum	488 Gloss Units @60°
	Steel	28 Gloss Units at 60°
Surface Temperature at Application	Minimum	4° C (40° F)
	Maximum	27° C (80° F)
Thin with	Do not thin	
Clean up with	Solvent Cleaning	
Weight per gallon (3.78 L)	3.6 kg (8 lbs)	
Storage Temperature	Minimum	5° C (40° F)
	Maximum	25° C (78° F)
Volatile Organic Chemicals (VOC)	0 grams/litre	

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. Apply the coating only when the surface temperature is more than 5F or 3C above the dew point temperature of the surrounding air and relative humidity is below 85%, in order to prevent moisture condensation on the surface. Always apply test area before proceeding with entire application. The surface is to be clean and free of any foreign matter

Application:

Apply the MT-447 to any surface or substrate. Apply in 2 passes - recommended thickness is 3 Microns dry depending on application and substrate. Product must be applied to a dry surface. Always apply to a test area before proceeding with entire application.

Mix or shake the product well before application.

- Product can be applied by spraying, with an aerosol or with a foam brush.
- Apply with compressor at 10 – 15 psi.
- Apply uniformly.
- Avoid pooling or excessive product application. Cobalt 321 is considered a 'thin film' performer.

Clean Up:

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 1 year for unopened containers. Product must be used 6 months after purchase.

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. Must be stored and handled in compliance with all current local regulations for flammable liquids. Store in cool, dry, well ventilated (5C-35C / 40F-95F) areas, out of direct sunlight and moisture.

Environmental Health & Safety Information:

Caution

READ INSTRUCTIONS BEFORE USE

May cause allergic eye and skin reaction.

Do not get on skin or in eyes.

May cause respiratory irritation.

Wear protective gloves while handling.

May be harmful if swallowed.

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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