

RECOMMENDED SURFACE

PREPARATION

For most applications requiring color, an epoxy basecoat is preferred to obtain optimum adhesion to the surface. Surface to be coated should be clean, dry and have a profile similar to 180 - 220 grit sandpaper and be free from any incompatible coatings and contaminants. Pre-existing coatings should be scuff sanded and a test patch applied and adhesion checked to insure compatibility. On new cement overlays, no other preparation is needed other than to insure the surface is clean, dry and contaminate free. Overlays must be completely dry before coating. No additional preparation is required when topcoating over WT-113 when applied within the cure window of the WT-113

MIXING INSTRUCTIONS

This is a two component system, consisting of 1 container of Part B (Catalyst) for every 3 containers of Part A (Base Component). Both components should be mixed in the ratio of 3 parts of Part A and 1 part of Part B-- The two components must be mechanically mixed together under low to moderate speed for a minimum of 5 minutes before application. Use caution to avoid whipping air into the sealer. Do not apply when surface temperature is above 90 f, or below 60 f, lap marking, poor adhesion MAY result.

TYPICAL FILM PERFORMANCE PROPERTIES

Film thickness	2.0 to 3.0 dry mils
Set to touch	2-3 hours
Pot life (double viscosity)	2-3 hours
Initial gloss	
20°	80
60°	90
Hardness	
Pencil	4H
Konig	100

COVERAGERATES

Over Wt-113	275 - 350 s/f per coat
Over smooth concrete	250 - 325 s/f per coat
Lt. Broom Finish	200 - 275 s/f per coat

*** This coating though resistant, is not a guarantee against tire staining. Vehicular tires from cars, golf carts, trucks, tractors and boat trailers have the potential to leave a brown stain under certain conditions, especially high performance tires. Park on carpet squares or plexi glass pieces to avoid tire staining

LIMITED WARRANTY NOTICE

Every reasonable effort is made to apply Marine-Industrial exacting standards both in the manufacture of our products and in the information which we issue concerning these products and their use. We warrant our products to be of good quality and will replace, or at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund MARINE-INDUSTRIAL PAINT COMPANY, INC. MAKES NO WARRANTY OR GUARANTEE, EXPRESS, OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, AND MARINE-INDUSTRIAL PAINT COMPANY, INC. shall have no other liability with respect thereto. This warranty extends only to claims for peeling, blistering, and cracking, caused by defects in the coating supplied by Marine Industrial Paint Co. Inc. . This warranty does not extend to claims for labor to re-coat the surface, normal wear, damage or deterioration, as set forth herein above, to the surface coating or to the surface due to improper application, structural defects, settling or movement, improper maintenance, wear, misuse, alteration, abuse, vandalism, natural disasters, negligence, water/moisture intrusion from un-coated areas or any other cause beyond the control of Marine Industrial Paint Co. Inc.. This warranty does not extend to cover deficiencies due to the use or application of any patches, fillers, primers or topcoats not recommended by Marine Industrial Paint Co. Inc. in the written specifications. All warranty claims must be made in writing during the warranty period. Claims made after the warranty period will not be validated. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use our products must bear the signature of the Marine-Industrial Paint Company, Inc. Technical Manager.

Marine-Industrial Paint Company, Inc.

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INDUCTION TIME

None necessary

POT LIFE

1.5 - 1.75 hours to double viscosity at 75°F.

THINNING INSTRUCTIONS

10% by volume with distilled water only after catalyzing. Check with our Technical Department for specific recommendations.

APPLICATION INSTRUCTIONS

Application by conventional spray, or airless spray is recommended. Pump Sprayers are not recommended. May also be applied with brush or roller. For roller application, use a shed resistant 3/16" - 3/8 nap mohair or microfiber cover with a phenolic core, apply slowly to avoid air entrainment. Apply in thin coats only. Avoid lap/overlap marks, and work between logical break points to prevent lapping. Apply in thin coats at no more than 4 mils wet, or hazing may develop. Roll out all excess sealer from low spots, joints and grout or pattern lines. Do not allow to puddle, hazing and film defects may develop.

SAFETY PRECAUTIONS

Make certain that all personnel using, handling, or storing, this material have read and understand the applicable Material Safety Data Sheet.

CHEMICAL RESISTANCE

24 Hour spot test

Brake fluid	soften/dicolor	5% sulfuric acid	no effect
Skydrol	dulls	5% hydrochloric acid	no effect
Regular	\	5% nitric acid	no effect
gasoline	no effect	5% sodium hydroxide	no effect
Unleaded		5% ammonia	no effect
gasoline	no effect	Methyl ethyl ketone	blisters
Diesel fuel	no effect	Ethanol	softens
Kerosene	no effect	Xylene	softens
		Toluene	softens
		Mineral Spirits	no effect
Limitations:		1,1-trichlorethane	no effect

* Do not apply more than 4 wet mils in 1 coat, remove all puddled, excess sealer from low spots, joints and grout or pattern lines.

* Do not allow to puddle.

* Do not apply below 55 Deg. F. or may fall there before coating can cure.

* Do not apply when the surface temperature exceeds 90 Deg. F.

TUF-TOP

since 1948

WBU DURAPLATE

WATERBASED 2K URETHANE

DESCRIPTION

WBU DURAPLATE ACRYLIC URETHANE is a high quality, water based acrylic polyurethane with quick drying times. WBU has very good exterior gloss and color retention. This type of polyurethane is the most widely used for commercial/industrial flooring, and decorative concrete and masonry as well as general maintenance and equipment. Excellent over WT-113 or VOC-113 Waterbased Epoxies.

PRINCIPAL CHARACTERISTICS

- excellent gloss retention
- apply with roller, brush or spray
- excellent water resistance
- good chemical resistance
- excellent hardness, flexibility and impact resistance

COLORS

Available in Clear Sealer, Lt. Tint and Deep Tint bases, tintable with universal tints. 4 oz. max Lt tint base, 8 oz max Deep per gallon. Custom colors available upon request, subject to minimums.

GLOSS

Standard gloss is high. Satin Gloss also available, please specify when ordering

PHYSICAL DATA

(Data below is for Gloss Clear)

Weight per gallon	8.98 lbs.
Solids content by volume	53.7%
Solids content by weight	56.9%
Recommended dry film thickness	3-5 mils
Recommended wet film thickness	2-4 mils- do not exceed 4 wet mils per coat
Minimum time before recoating	Dry to print free-apox 6 - 10 hrs
Maximum time before recoating	None, scuff sand if re-coating after 48 hours
Full cure	5-7 Days.
VOC (as supplied)	.6 lbs./gal catalyzed / 72 gpl
Shelflife (cool & dry storage)	Minimum 12 months in unopened full container.
Mixratio	3 to 1 with WBU catalyst- 5 minute mechanical mix
Pot Life	1.5 - 1.75 hours

COMPLIANCES

Mets all current V.O.C regulations in effect as of August 1, 2008

PACKAGING

WBU DURAPLATE ACRYLIC URETHANE is a two package catalyzed system, available in 1 gal cans and 5 gal pails. Both 1 gal cans and 5 gal. pails are short filled to accomodate catalyst. WBU is sold as a "kit" part A (Base Component), and part B (Catalyst) are packaged separately and must be mechanically mixed thoroughly together before use.