



11/9/2017

MB # TB004W V3



## Z Guard 2500 Water Reducible Sealant

A high performance, water-based asphaltic coating, designed to provide long-term protection to rolling transport assets. The Z Guard 2500 is a premium grade, water based undercoating containing no HAPS and no VOC and provides superior durability, moisture and corrosion resistance over a variety of substrates, in addition to steel, such as wood and aluminum. The coating is designed to be applied by airless spray application.

### PHYSICAL PROPERTIES

Appearance	Black
Weight % solids	60-64%
Volume % solids	50-54%
Weight/gal.	10.5 ± 0.8 lbs/gal
Viscosity (Brookfield,#%)	2500-3000 Cps at 20 RPM
Dry Film Characteristics	Firm/ flexible
V.O.C. (less water)	0.0
Sag	30+
Dry-co-touch (30 mils)	10 Minutes

### FILM PROPERTIES

Gravelometer (ambient) SAE J400	5A
Corrosion Resistance, ASTM B117	
10 mils DFT 528 hours	PASS
15 mils DFT 744 hours	PASS
20 mils DFT 888 hours	PASS
Water Resistance: ASTM D2247 MOD	PASS
Test Method: 15 min. air dry, One quart tap water,	
1 ft. drop 100% Humidity,ASTM D4748 1000 Hours	PASS

**Z TECHNOLOGIES CORPORATION**

26500 Capitol Avenue, Redford, Michigan 48239-2597  
Telephone (313) 937-0710 · Fax (313) 937-1470

World Leaders in Corrosion Protection



## Z Guard 2500

**Method of Use:** Material is supplied ready to spray. The coating should be between 40F and 100F. Airless spray equipment is recommended. The lowest pump ratio is needed 15:1, a 30:1 ratio is recommended. Apply with 1500 to 1600 psi application pressure. Use 0.025" minimum tip size. Reverse a clean tips are recommended. **Z Guard 2500** can be applied direct to bare steel, painted or primed surfaces. This product performs well over dirty steel. While no pretreatment is necessary to obtain good corrosion protection, for best results remove all loose dirt, rust, and excessive oil from the surface. Then apply a wet film thickness of up to 30 mils (0.030").

**Container Sizes:** 1 gallon, 5 gallon. 55 gallon drum. 330 Gallon Tote

### ADVANTAGES:

- Excellent corrosion protection.
- Good Sound deadening Properties.
- High film build capability
- Resists temperatures to 425F.
- Good atmospheric corrosion protection
- Resistant to High Pressure Steam Cleaning
- Little or no pretreatment required
- No HAPS or VOC
- Forms firm film allowing application of decals
- Excellent adhesion to wood substrates.

### PREPARATION AND USE

This formula is ready to use direct from the container. Certain steps, however, are required in preparation for its proper and effective use:

- Temperatures. For optimum process ease, material should be 65°-90° (F).
- Mixing: The product is thixotropic, mixing may be required to provide optimum flow characteristics. When exposed to extremely cold temperatures, mixing may be required to restore to a flowable liquid.
- Do not allow product to freeze during shipping or storage.
- When undercoating rolling stock with this undercoating, do not immediately move unit outside into a heavy rain, instead allow coating to become tack free **before** moving outside, approx 10 minutes depending on relative humidity in application area.
- Store and use in well ventilated areas

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