



# TUFF-BOY 1030

## INTERIOR/EXTERIOR WHITE ZONE MARKING PAINT

DESCRIPTION	PERFORMANCE DATA
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**Tuff-Boy 1030 White Zone Marking Paint** is a premium interior/exterior quick drying paint formulated to give maximum footage and good wear resistance. This ready mixed material has excellent hiding and is easy to apply. This coating produces a hard, durable film that is very resistant to water and abrasion. Tuff-Boy 1030 has been designed for painting centerlines and edge lines on the following properly prepared substrates: asphalt, concrete, brick, curbs, and parking lots. The coating may be made into a reflective paint by dropping glass beads onto the paint while it is still wet.

Test	Method	Results
Flexibility	ASTM D522 1/4" Mandrel	1/8" PASS
Water Resistance	TT-P-115F	PASS
Dry Opacity	TT-P-115F	.96 Min
Dry, No Pick-Up	ASTM D-711	30 Minutes
Abrasion Resistance	ASTM D-968	35 Liters - PASS
Viscosity	ASTM D-562	75-85 KU

### SPECIFICATIONS

**Finish:** Flat @ 60° 2.0 – 2.3  
**Solids:** 76.1% by weight/54.2% by volume ±2%  
**Weight/Gallon:** 12.3 ±0.1 Pounds  
**Flash Point:** 50°F  
**Vehicle Type:** Medium Alkyd  
**Federal Spec:** TT-P-85E Type I, TT-P-115F Type I

**COLOR**  
White

**ENVIRONMENTAL**  
**VOC:** 360 grams per liter; 3.0 lb/gal

As of 1-15-2020 complies with:			
LEED® v3.0	No	OTC Phase II	No
LEED® v4.0 VOC	No	EPA AIM	Yes
LEED® v4.0 Emissions	No	SCAQMD 1113	No
OTC Phase I	No	MPI #	32

**DRY TIME**  
**To Touch:** 15 Minutes  
**To Handle:** 30 Minutes  
**To Recoat:** 1 Hour  
 @ 77°F and 50% relative humidity

**COVERAGE**  
 Apply approximately 10 Mills to 20 Mills WFT to achieve 481 to 241 linear feet per gallon for a four inch wide stripe.

### RECOMMENDED USES

- Parking Lots
- Curbs
- Shopping Centers
- Concrete Marking
- Plant Maintenance
- Municipalities
- Striping Contractors
- Asphalt Marking

### SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

**GENERAL**  
 The surface to be painted should be dry and free of any dirt, chalk, loose or peeling paint, grease, mildew, oil, rust, or other foreign contaminants. Thorough cleaning and sweeping before application is recommended.

**NEW ASPHALT**  
 All new asphalt surfaces should be properly cured before marking. Most asphalt surfaces require a minimum of four weeks curing time. An asphalt surface that is not properly cured or blended may not withstand the stress exerted by the curing of the paint film therefore the areas that are painted may potentially cause the asphalt to crack. Due to the fact that not all asphalt surfaces are the same, a small test area is recommended before proceeding with zone marking.



### **NEW CONCRETE**

Due to the nature of the curing compounds, it is recommended that new concrete be allowed to cure at least three months and should not be painted if the pH of the surface is above 10.0. If the new concrete is not completely cured, then the marking paint may have severe adhesion problems. All concrete sealers and efflorescence should be removed via acid etching or abrasive blast.

### **REPAINTS**

Most previously painted lines may be repainted without additional surface preparation provided the old paint is still tightly adhered to the surface. However, multiple layers of paint will eventually peel and require removal.

If you have any questions about proper surface preparation check your surface preparation guide or consult your Farrell-Calhoun representative.

## **APPLICATION**

### **PRECAUTIONS**

Do not paint if the atmospheric temperature or the substrate temperature is below 35°F or above 90°F. Do not paint late in the day when dew or condensation is likely to form or when rain is threatening or if the temperature falls below the dew point.

The presence of concrete sealers or efflorescence on new concrete may interfere with adhesion and should be removed by extended weathering, etching, or abrasive blasting.

If painting new asphalt that has not properly cured, applying a thin coat, approximately ½ the recommended DFT, generally reduces the extent of lifting and cracking.

Painted surfaces can become slippery when wet. Zone marking paints are not intended for use as floor paints, and should not be used to paint large subject to pedestrian traffic. i.e., Painting an entire traffic stall is not recommended. For small areas such as curbs, Skid-Tex® anti-skid additive can be added for safety.

Yellowing can occur in white and pastel colors through lack of UV light and/or exposure to amines. Yellowing is an inherent characteristic of all alkyd resins. To avoid yellowing entirely from occurring, a water-based product is recommended.

### **EQUIPMENT**

Use a conventional or airless spray with a 0.015 – 0.017 tip @ 2000 – 2500 psi.

When spraying with an airless, be certain not to apply product too heavily or it will not dry properly.

Quality bristle brush or 1/4" – 5/8" nap lambskin roller cover.

### **THINNING**

Thinning is not recommended

### **CLEAN-UP**

V M & P Naphtha

## **PACKAGING**

### **CONTAINERS**

5 Gallon Pails and 1 Gallon Cans

### **STORAGE TEMPERATURE**

Minimum 35°F Maximum 90°F

### **SHELF LIFE**

12 months at recommended storage temperature when stored in tightly sealed containers.

*The technical data contained in this data sheet is accurate to the best of our knowledge as currently offered. No warranty is expressed or implied since the method of application and its intended use is beyond our control.*

