

# Pro-Park™ Waterborne Traffic Marking Paint

B97 Series


**SHERWIN  
WILLIAMS®**

## CHARACTERISTICS

**Pro-Park Traffic Marking Paint** is a premium quality waterborne acrylic alkyd traffic marking paint. It has excellent chemical and dirt pickup resistance. Pro-Park delivers the performance expected by the most discerning contractor, property manager or national retail chain.

Apartments Communities, Shopping Centers  
Schools and Universities, Municipalities  
Property Managers, Asphalt Seal Contractors  
Pavement Stripers

The coating may be made into reflective paint by dropping on glass beads while the paint is still wet.

Can be used with stencils (Available through Sherwin-Williams) for street and parking lot marking:

Directional Arrows, STOP, YIELD, Numbers  
Pedestrian Crossing and Handicap Markings

**Finish:** Flat  
**Color:** White, Yellow, Blue, Red, Black

**Recommended Spreading Rate per coat:** Approximately 330 lineal feet of standard 4 inch stripe per gallon

Wet mils (microns): 15.0 / 375  
Dry mils (microns): 9.3 / 232  
Coverage sq. ft. per gallon (m2/L): 108 / 2.7

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, method of application, surface irregularities, overthinning, climatic conditions, and excessive film build.

**Drying Schedule @ 15.0 mils / 375 microns wet, @ 77°F / 25°C, @ 50% RH:**

Dry-no-pickup: 30 minutes  
Dry to recoat: 60 minutes  
Open to heavy traffic: 120 minutes

Drying time is temperature, humidity, and film thickness dependent.

**White B97WD2434**  
(may vary by color)

**VOC (less exempt solvents):**

less than 50 g/L; 0.42 lb. per gallon

As per 40 CFR 59.406

**Volume Solids:** 62 ± 2% (White)  
**Weight Solids:** 77 ± 2% (White)  
**Weight per Gallon:** 13.69 lb  
**Flash Point:** 150°F / 65°C, PMCC  
**Shelf Life:** 12 months, unopened

## COMPLIANCE

As of 03/11/2020, Complies with:

<b>OTC</b>	Yes
<b>OTC Phase II</b>	Yes
<b>SCAQMD</b>	Yes
<b>CARB</b>	Yes
<b>CARB SCM 2007</b>	Yes
<b>Canada</b>	Yes
<b>LEED® v4 &amp; v4.1 Emissions</b>	N/A
<b>LEED® v4 &amp; v4.1 VOC</b>	Yes
<b>EPD-NSF® Certified</b>	N/A
<b>MIR-Product Lens Certified</b>	N/A
<b>MPI®</b>	Yes

## APPLICATION

### **Temperature:**

minimum	40°F / 4.5°C
maximum	110°F / 43°C
	air, surface, and material
	At least 5°F above dew point

**Relative humidity:** 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer:** Water  
As needed up to 25% by volume

### **Airless Spray Line Striper:**

Pressure	1800-2700 p.s.i.
Hose	1/4-3/8 inch ID
Tip	.015-.017 inch
Filter	60 mesh

### **Conventional Spray Line Striper:**

Gun	Binks 21 (Bleeder)
Fluid Nozzle	#68
Air Nozzle	Internal mix, #709
Atomization Pressure	45-80 p.s.i.
Fluid Pressure	40-70 p.s.i.

**NOTE:** Fluid and atomization pressures are dependent on environmental conditions. Use the lowest pressures necessary to achieve a "flat line".

Brush	Natural bristle
Roller Cover	3/8 inch woven with solvent resistant core

If specific application equipment is listed above, equivalent equipment may be substituted.

Apply paint at the recommended film thickness and spreading rate as indicated on front page. Application of coating below minimum recommended spreading rate will adversely affect coating performance. for painting.

## APPLICATION TIPS

Make sure product is completely agitated (mechanically or manually) before use.

## RECOMMENDED SYSTEMS

Cured Asphalt, Concrete, and Brick:

1 coat Pro-Park Traffic Marking Paint @ 330 lineal feet of standard 4 inch stripe per gallon

White	B97WD2434
Yellow	B97YD2467
Firelane Red	B97RD2012
Blue	B97LD2022
Black	B97BD2021

**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.

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion. Surfaces should be clean and dry and free from loose or peeling paint. Do not apply when air or surface temperatures are below 40°F (4.5°C), or when the relative humidity exceeds 85%, or when 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.

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. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

New asphalt surfaces should ideally be allowed to age several months before striping. Exceeding the recommended film thickness will increase the tendency to cause asphalt lifting. Placing an inconspicuous test stripe to determine if a new asphalt surface has cured sufficiently to paint is recommended.

If it is necessary to paint new asphalt surfaces, do not exceed an application rate of 8 mills (200 microns) wet (approximately 200 sq. ft. per gallon / 4.9 m<sup>2</sup>/L). Special care should be given to laps and edges of stencils to prevent excessive film thickness.

Asphalt surfaces generally require aging prior to painting. If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended d.f.t.) generally reduces the extent of lifting and cracking.

**PERFORMANCE**

No painting should be done immediately after a rain or during foggy weather.

Do not paint on wet surfaces.

Check adhesion by applying a test strip to determine the readiness for painting.

**Abrasion Resistance (falling sand):**

Method: ASTM D968

Result: 150 liters

**Bleed Resistance:**

Method: ASTM D969

Result: greater than 0.95 over seal coat

**Color (yellow):**

Method: Fed. Std. 595 #33538

Result: Pass

**Dry-No-Pickup:**

Method: ASTM D711

Result: less than 30 minutes @ 77°F/25°C

**Dry Opacity (Contrast Ratio):**

Method: Fed. Met. 141C at 5 mills (125 microns) wet

Result: 0.95 (white)

**Flexibility:**

Method: ASTM D522, 1/2 inch mandrel

Result: Pass

**Reflectance (white):**

Method: ASTM-E97

Result: 85% minimum

**Scrub Resistance:**

Method: ASTM D2486

Result: 500 cycles minimum

**Solar Reflectance Index (SRI):**

Method: ASTM E1980

B97WD2434 White only

Result: 102.01 calculated

**Solar Reflectance:**

Method: ASTM E1980

B97WD2434 White only

Result: .819 average

**SAFETY PRECAUTIONS**

Refer to the Safety Data Sheets (SDSs) before use.

**FOR PROFESSIONAL USE ONLY.**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

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 areas subject to pedestrian traffic. For instance, painting an entire traffic stall is not recommended.

**Slip Resistance** – Some surfaces may require a slip resistant additive for safety. Add H&C SharkGrip® Slip Resistant Additive to the final coat applied following label directions. Sand may also be broadcast onto the wet paint or incorporated in the final coat. These additives should not be used in place of a non-skid finish.

**CLEANUP INFORMATION**

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

HOTW 03/11/2020 B97WD2434 06 48  
FRC, SP