

# ProMar® Alkyd Fast Dry Zone Marking Paint

TM5494 White, TM5495 Yellow



**SHERWIN  
WILLIAMS®**

## CHARACTERISTICS

**PROMAR ALKYD FAST DRY ZONE MARKING PAINT** is a fast drying, medium oil alkyd in two colors, white and yellow, conforming to U.S. Bureau of Public Roads colors.

### Features:

Quick drying, High visibility, Ready to use, Durable

### For use on properly prepared:

Cured asphalt, Concrete, Brick, Parking lots, Curbs, Runways

### Recommended for use in:

Apartments Communities, Shopping Centers, Schools and Universities, Municipalities, State DOTs, Property Maintenance, Asphalt Seal Contractors, Pavement Strippers, Airfields & highways

**Finish:** Flat  
**Color:** White, Yellow

**Recommended Spreading Rate per coat:** Approximately 350 lineal feet of standard 4 inch stripe per gallon

**Wet mils:** White-Yellow 15.0-15.0  
**Dry mils:** White-Yellow 7.5-7.9  
**Coverage sq. ft. per gallon:** White-Yellow 107-107  
**Theoretical coverage sq. ft. per gallon:** White-Yellow 802-850

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 wet, @77° F ( 25°C), @ 50% RH:

Dry-no-pickup: 15 minutes  
Dry to touch: 15 minutes

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

**Tinting:** Not controlled for tinting strength.

### V.O.C. (less exempt solvents):

384 grams per litre; 3.20 lb. per gallon (White)  
359 grams per litre; 2.99 lb. per gallon (Yellow)  
As per 40 CFR 59.406

**Volume Solids:** 50 ± 2% (White)  
53 ± 2% (Yellow)

**Weight Solids:** 72 ± 2% (White)  
75 ± 2% (Yellow)

**Weight per Gallon:** 11.63 lbs. (White)  
11.84 lbs. (Yellow)

**Flash Point:** 16°-20° F PMCC  
(Yellow, White)

**Shelf Life:** 12 months, unopened  
Store indoors at 40°F / 4.5°C to 100°F / 38°C

## COMPLIANCE

As of 07/13/2021, Complies with:

OTC	No
OTC Phase II	No
S.C.A.Q.M.D.	No
CARB	No
CARB SCM 2007	No
CARB SCM 2020	No
Canada*	Yes-No
LEED® v4 & v4.1 Emissions	N.A.
LEED® v4 & v4.1 V.O.C.	No
EPD-NSF® Certified	N.A.
MIR-Manufacturer Inventory	N.A.
MPI®	No

\*Canada: Traffic Marking Coatings Restricted to 150 grams per litre V.O.C. from May 1st-Oct 15. Oct 16-April 30th V.O.C.s are 450 grams per litre

## 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:** VM&P Naphtha  
No reduction in restricted areas.  
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.

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with VM&P Naphtha, R1K3 or compliant solvent. Follow manufacturer's safety recommendations when using solvents.

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

## APPLICATION TIPS

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

Mixing Instructions: Mix paint thoroughly to a uniform consistency with low speed power agitation prior to use.

It can also serve as a binder for glass beads to make reflective markings. Apply 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.

## RECOMMENDED SYSTEMS

### Cured Asphalt, Concrete, and Brick:

**1 coat: ProMar Alkyd Fast Dry Zone Marking Paint @ 320 lineal feet of standard 4" stripe per gallon, approximately 15.0 mils wet, 7.5-7.9 mils dry.**

White 0.0TM5494  
Yellow 0.0TM5495

# ProMar® Alkyd Fast Dry Zone Marking Paint

## 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.

Minimum recommended surface preparation:

**Concrete:** Cured, clean, dry, sound  
**Asphalt:** Cured, clean, dry, sound  
**Brick:** Cured, clean, dry, sound

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. Solvent based paints may cause bleeding through the paint. Placing an inconspicuous test stripe to determine if the asphalt has aged sufficiently to use solvent paint is recommended. If it is necessary to paint a fresh asphalt surface, use a latex striping paint following the recommended procedures.

If it is necessary to paint new asphalt surfaces, **do not exceed an application rate of 8 mils wet (approximately 200 sq. ft. per gallon)**. Special care should be given to laps and edges of stencils to prevent excessive film thickness.

## PERFORMANCE TIPS

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.

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.

Do not use on uncured asphalt, Asphalt surfaces generally require aging prior to painting.

Excessive reduction of material can affect film build, appearance, and adhesion.

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

## PERFORMANCE

### **Dry-No-Pickup:**

White	15 minutes maximum
Yellow	15 minutes maximum

### **Reflectance:**

White	80 minimum
Yellow	62 minimum

### **Fineness of Grind:**

White	2 Hegman minimum
Yellow	2 Hegman minimum

### **KU**

White	70-80
Yellow	70-80

### **Contrast Ratio:**

White	.90 minimum
Yellow	.93 minimum

### **Density:**

White	11.43-11.83 lbs. per gallon
Yellow	11.64-12.04 lbs. per gallon

## 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.

## CLEANUP INFORMATION

Clean spills, spatters and tools immediately after use with compliant compatible cleanup solvent or Lt. Aliphatic Hydrocarbon Solvents. Follow manufacturer's safety recommendations when using solvents.

**DANGER:** Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

HOTW	07/13/2021	0.0TM5494	39 384
HOTW	07/13/2021	0.0TM5495	17 359