



*Traffic
and
Zone
Products*

PROMAR® ALKYD FAST DRY ZONE MARKING PAINT

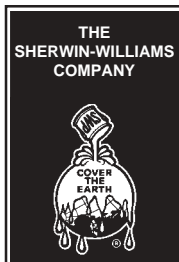
TM5494
TM5495

WHITE
LEAD FREE YELLOW

PRODUCT INFORMATION

Revised 12/03

PRODUCT DESCRIPTION		RECOMMENDED USES	
<p>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.</p> <ul style="list-style-type: none"> • Quick drying • High visibility colors • Ready to use • Durable 		<p>For asphalt, concrete, brick, and other surfaced areas. It can also serve as a binder for glass beads to make reflective markings. Do not use this product on uncured asphalt surfaces such as those commonly found on tennis courts, asphalt drive-ways, and some parking lots.</p> <ul style="list-style-type: none"> • Cured asphalt • Concrete • Brick • Parking Lots • Floor marking • Striping contractors • Shopping centers • Plant maintenance personnel • Airport runways • Curbs 	
PRODUCT CHARACTERISTICS		PERFORMANCE CHARACTERISTICS	
<p>Finish: Flat</p> <p>Color: White, Yellow</p> <p>Volume Solids: 47% (calculated)</p> <p>Weight Solids: 71% (calculated)</p> <p>VOC: 390 g/l; 3.25 lb/gal</p> <p>Recommended Spreading Rate per coat: Approximately 320 lineal feet of standard 4" stripe per gallon</p> <p>Wet mils: 15.0 Dry mils: 7.5 Coverage: 110 sq ft/gal, approximate</p> <p>Drying Schedule @ 15.0 mils wet @ 50% RH: @ 77°F</p> <p>To touch: 15 minutes No traffic pick up after: 15 minutes</p> <p>Drying time is temperature, humidity, and film thickness dependent.</p> <p>Shelf Life: 12 months unopened Store indoors at 40°F to 100°F.</p> <p>Flash Point: 32°F Open Cup</p> <p>Reducer/Clean Up: VM&P Naphtha, R1K3</p>		<ul style="list-style-type: none"> • Quick drying • Abrasion resistant • Bleed resistant • Colors conform to U.S. Bureau of Public Roads • High visibility • High hiding • Ready to use • Do not use on uncured asphalt 	



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INDUSTRIAL
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COATINGS

PRODUCT INFORMATION

RECOMMENDED SYSTEMS

Cured Asphalt, Concrete, and Brick:

1 ct. ProMar Alkyd Fast Dry Zone Marking Paint @ 320
lineal ft/gal of standard 4" stripe, approximately 15.0
mils wft, 7.5 mils dft

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, and other foreign material to ensure adequate adhesion.

Refer to product Application Bulletin for detailed surface preparation information.

Minimum recommended surface preparation:

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

TINTING

White may be shaded with up to 4 oz/gal of 844 Colorant. Not controlled for tinting strength. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

APPLICATION CONDITIONS

Temperature:	40°F minimum, 110°F maximum (air, surface, and material) At least 5°F above dew point
Relative humidity:	85% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging:	5 gallon containers
Weight per gallon:	
White:	11.59 ± 0.2 lbs/gal
Yellow:	11.47 ± 0.2 lbs/gal

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

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

The systems listed above are representative of the product's use. Other systems may be appropriate.



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APPLICATION BULLETIN

Revised 12/03

SURFACE PREPARATION

Surfaces should be clean, dry and free from loose or peeling paint. Do not apply when air or surface temperatures are below 40°F, 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.

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 mils wet (approximately 200 sq ft/gal). Special care should be given to laps and edges of stencils to prevent excessive film thickness.

APPLICATION CONDITIONS

Temperature: 40°F minimum, 110°F maximum
(air, surface, and material)
At least 5°F above dew point

Relative humidity: 85% maximum

APPLICATION EQUIPMENT

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/Clean Up VM&P Naphtha, R1K3

Airless Spray Line Striping Equipment

Pressure 1800-2700 psi
Hose 1/4" - 3/8" ID
Tip015" - .017"
Filter 60 mesh
Reduction Only if necessary, up to 1 quart per gallon

Conventional Spray Line Striping Equipment

Gun Binks 21 (Bleeder)
Fluid Nozzle #68
Air Nozzle Internal mix, #709
Atomization Pressure ... 45-80 psi
Fluid Pressure 40-70 psi
Reduction Only if necessary, up to 1 quart per gallon

Brush

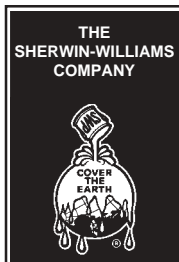
Brush Natural bristle
Reduction As needed up to 1 quart per gallon

Roller

Cover 3/8" woven with phenolic core
Reduction As needed up to 1 quart per gallon

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

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



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APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mixing Instructions: Mix paint thoroughly by boxing, stirring, or power agitation before use.

Apply paint at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

Approximately 320 lineal feet of standard 4" stripe per gallon

Wet mils:	15.0
Dry mils:	7.5
Coverage:	110 sq ft/gal, approximate

**Drying Schedule @ 15.0 mils wet @ 50% RH:
@ 77°F**

To touch:	15 minutes
No traffic pick up after:	15 minutes

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

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

PERFORMANCE TIPS

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, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.

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

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with VM&P Naphtha, R1K3.

Asphalt surfaces generally require aging prior to painting.

If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended dft) generally reduces the extent of lifting and cracking.

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

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

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.

Do not paint on wet surfaces.

Do not paint when the relative humidity is above 85%.

Do not paint when the temperature is below 40°F.

Cool, damp conditions will prolong the drying time.

Refer to Product Information sheet for additional performance characteristics and properties.

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with VM&P Naphtha, R1K3. Clean tools immediately after use with VM&P Naphtha, R1K3. Follow manufacturer's safety recommendations when using any solvent.

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

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