

Setfast® Premium Alkyd Zone Marking Paint

A300 White, A303 Yellow, A305 Black, A302 Red



**SHERWIN
WILLIAMS®**

CHARACTERISTICS

SETFAST® PREMIUM ALKYD ZONE MARKING PAINT is a conventional dry (non-heat applied) solvent based zone marking paint.

Features:

Fast drying, High visibility, Ready to use

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, Property Maintenance, Asphalt Seal Contractors, Pavement Stripers, Airfields

Finish:

Flat

Color:

White, Yellow, Red & Black

Recommended Spreading Rate per coat:

Approximately 320-350 lineal feet of standard 4 inch stripe per gallon

Wet mils: White-Yellow

15.0-15.0

Dry mils: White-Yellow

7.5-7.7

Coverage sq. ft. per gallon: White-Yellow

107-107

Theoretical coverage sq. ft. per gallon: White-Yellow

802-818

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: 20 minutes

Dry to touch: 20 minutes

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

Tinting: White may be shaded with Maxitoner or GIC Colorant. %SherColor. Not controlled for tinting strength. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

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

382 grams per litre; 3.19 lb. per gallon (White)

366 grams per litre; 3.05 lb. per gallon (Yellow)

349 grams per litre; 2.91 lb. per gallon (Red)

391 grams per litre; 3.26 lb. per gallon (Black)

As per 40 CFR 59.406

Volume Solids:

50 ± 2% (White)

52 ± 2% (Yellow)

54 ± 2% (Red)

49 ± 2% (Black)

Weight Solids:

72 ± 2% (White)

74 ± 2% (Yellow)

75 ± 2% (Red)

70 ± 2% (Black)

Weight per Gallon: Density

11.76 lbs. (White)

11.67 lbs. (Yellow)

11.76 lbs. (Red)

10.81 lbs. (Black)

Flash Point:

16° to 20° F PMCC

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-Product Lens Certified	N.A.
MPI®	Yes

*Canada: Traffic Marking Coatings Restricted to 150 g/L 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 12% 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. If the striping machine is used with waterborne paint, care must be taken to prevent contamination of the paint types.

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 Setfast Premium Alkyd Zone Marking Paint @ 320-350 lineal feet of standard 4 inch stripe per gallon approximately 15.0 mils wet

White	A300
Yellow	A303
Black	A305
Red	A302

Setfast® Premium Alkyd 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. 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. 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	20 minutes maximum
Yellow #33538	20 minutes maximum

Reflectance:

White	85 minimum
-------	------------

Fineness of Grind:

White	3 Hegman minimum
Yellow #33538	3 Hegman minimum

KU

White	70-80
Yellow #33538	74-80

Contrast Ratio:

White	.96 minimum
Yellow #33538	.96 minimum

Flexibility:

White	1/2 inch pass
Yellow #33538	1/2 inch pass

Density

White	11.56-11.96
Yellow #33538	11.47-11.87

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 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	0.0A00300	48	382
HOTW	07/13/2021	0.0A00303	33	366
HOTW	07/13/2021	0.0A00305	24	391
HOTW	07/13/2021	0.0A00302	15	349