

**Setfast®****Waterborne Traffic Marking Paint**

TM2132 Red, TM2133 Blue, TM2135 Black

**SHERWIN  
WILLIAMS®****CHARACTERISTICS**

**SETFAST® WATERBORNE TRAFFIC PAINTS** are conventional dry (non-heated application) water based paints intended for use in marking parking lots, airports, and roads.

**Features:**

Fast drying, Water clean up, 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, State DOTs, Property Maintenance, Asphalt Seal Contractors, Pavement Strippers, Airfields &amp; highways

**Finish:** Flat**Color:** Red, Blue & Black

**Recommended Spreading Rate per coat:** Approximately 320 lineal feet of standard 4 inch stripe per gallon

**Wet mils:** 15.0**Dry mils:** 8.2**Coverage sq. ft. per gallon:** 107**Theoretical coverage: sq. ft. per gallon** 882

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: 60 minutes

Dry to touch: 60 minutes

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

**Tinting:** Do not tint**V.O.C. (less exempt solvents):**

96 grams per litre; 0.80 lb. per gallon (Red)

94 grams per litre; 0.78 lb. per gallon (Blue)

86 grams per litre; 0.72 lb. per gallon (Black)

As per 40 CFR 59.406

**Volume Solids:** 55 ± 2% (Red)  
55 ± 2% (Blue)  
55 ± 2% (Black)

**Weight Solids:** 70 ± 2% (Red)  
71 ± 2% (Blue)  
70 ± 2% (Black)

**Weight per Gallon: Density** 12.51 lbs. (Red)  
12.58 lbs. (Blue)  
12.52 lbs. (Black)

**Flash Point:** 150°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:

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

**APPLICATION****Temperature:**

minimum 50°F / 10°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 12% by volume

**Airless Spray Line Striper:**

Pressure 1800-2700 p.s.i.  
Hose 1/4-3/8 inch ID  
Tip .015-.019 inch  
Filter 60 mesh

**Conventional Spray Line Striper:**

Gun Binks 21 (Bleeder)  
Fluid Nozzle #68  
Air Nozzle Internal mix, #709  
Atomization Pressure 20-80 p.s.i.  
Fluid Pressure 30-60 p.s.i.

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

**Brush:** small areas only Nylon-polyester

**Roller Cover:** 3/8 inch woven with solvent resistant core  
small areas only

If specific application equipment is listed above, equivalent equipment may be substituted. If the striping machine is used with solvent based paint, care must be taken to prevent contamination of the paint types.

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

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 Waterborne Traffic Marking Paint @ 320 lineal feet of standard 4 inch stripe per gallon approximately 15.0 mils wet 8.2 mils dry.

Red	0.0TM2132
Blue	0.0TM2133
Black	0.0TM2135

## **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:

<b>Concrete:</b>	Cured, clean, dry, sound
<b>Asphalt:</b>	Cured, clean, dry, sound
<b>Brick:</b>	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 50°F (10°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. Latex paint will not bleed on most asphalt surfaces; however, shrinkage of the paint film during curing can cause new asphalt to lift or crack. 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**

### **Color:**

Red:	#31136
Blue:	#35180
Black:	#37038

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

Red:	60 minutes maximum
Blue:	60 minutes maximum
Black:	60 minutes maximum

### **Fineness of Grind:**

Red:	3 Hegman minimum
Blue:	3 Hegman minimum
Black:	3 Hegman minimum

### **KU:**

Red:	80-88
Blue:	80-90
Black:	84-90

### **Density:**

Red:	12.39-12.69
Blue:	12.47-12.77
Black:	12.40-12.70

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

HOTW	07/13/2021	0.0TM2132	26	95
HOTW	07/13/2021	0.0TM2133	27	93
HOTW	07/13/2021	0.0TM2135	23	86