

**Setfast®****Solventborne Acrylic Traffic Marking Paint**

TM5628 Red, TM5720 Blue, TM5629 Black

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

**SETFAST® SOLVENTBORNE ACRYLIC TRAFFIC MARKING PAINT** is a conventional dry (non-heat applied) acetone based paint. This 100% acrylic, marking paint offers the following properties:

**Features:**

- Fast dry and hardness development
- Performance similar to Setfast® Chlorinated Rubber Traffic Paint
- Dirt pick-up resistance

**For use on properly prepared:**

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

**Recommended for use in:**

Shopping Centers, Municipalities, Property Maintenance, Asphalt Seal Contractors, Pavement Stripers, Airfields

**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:** 7.0-7.5  
**Coverage sq. ft. per gallon:** 107  
**Theoretical coverage: sq. ft. per gallon** 753-802

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: 5 minutes  
Dry to touch: 5 minutes

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

**Tinting:** Do not tint

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

75 grams per litre; 0.62 lb. per gallon (Red)  
88 grams per litre; 0.73 lb. per gallon (Blue)  
76 grams per litre; 0.63 lb. per gallon (Black)  
As per 40 CFR 59.406

**Volume Solids:** 47 ± 2% (Red)  
48 ± 2% (Blue)  
50 ± 2% (Black)

**Weight Solids:** 67 ± 2% (Red)  
69 ± 2% (Blue)  
71 ± 2% (Black)

**Weight per Gallon: Density** 10.88 lbs. (Red)  
11.43 lbs. (Blue)  
11.51 lbs. (Black)

**Flash Point:** -3°F, 1°F PMCC

**Shelf Life:** 12 months, unopened

Store indoors at 40°F / 4.5°C to 90°F / 32°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>	No
<b>EPD-NSF® Certified</b>	N.A.
<b>MIR-Manufacturer Inventory</b>	N.A.
<b>MPI®</b>	Yes

**APPLICATION****Temperature:**

minimum 40°F / 4.5°C  
maximum 90°F / 32°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:** Not recommended

**Conventional Spray:** Typical fluid tip size is about 0.1 inch orifice, with a matching fan cap designed for striping application. Working pressures will vary with ambient temperatures. The correct pressure is the lowest pot and atomizing pressure that produces a flat line of the correct thickness. Heated air atomized spray may also be used, allowing improved sprayability but not necessarily dry time. Quick drying application can be expected at ambient temperatures within recommended range.

**Airless Spray Line Striper:**

Pressure 1500-2000 p.s.i.  
Hose 3/8 inch ID  
Tip .015-.019 inch  
Filter 60 mesh

**Brush & Roller** Not recommended

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

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 Solventborne Acrylic Traffic Marking Paint @ 320 lineal feet of standard 4 inch stripe per gallon approximately 15.0 mils wet 7.0-7.5 mils dry.

Red 0.0TM5628  
Blue 0.0TM5720  
Black 0.0TM5629

## **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. 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.

## **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**

Red: 5 minutes maximum  
 Blue: 5 minutes maximum  
 Black: 5 minutes maximum

### **Fineness of Grind:**

Red: 2 Hegman minimum  
 Blue: 2 Hegman minimum  
 Black: 2 Hegman minimum

### **KU:**

Red: 80-90  
 Blue: 80-87  
 Black: 78-86

### **Density:**

Red: 10.73-11.03  
 Blue: 11.27-11.57  
 Black: 11.40-11.70

## **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.

Federal EPA has added acetone to the list of solvents exempt from the VOC definition. State or local laws may incorporate the federal definitions, or may use their own, and may take precedence over the federal rules. Acetone may or may not be an exempt solvent where state or local regulations are in effect. Consult with your local Sherwin-Williams representative for additional information.

## **CLEANUP INFORMATION**

Clean spills and spatters immediately with a compliant compatible solvent or Acetone, R6K9. Clean tools immediately after use with a compliant solvent. Follow manufacturer's safety recommendations when using any solvent.

HOTW	07/13/2021	0.0TM5628	05 75
HOTW	07/13/2021	0.0TM5720	03 88
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