

Flash Point:

Reducer/Clean Up:

145°F, PMCC

Water

Traffic & Zone Products

10.02 SETFAST® LATEX TRAFFIC MARKING PAINTS

TM2132 RED TM2133 BLUE TM2135 BLACK

PRODUCT INFORMATION

Revised 8/05

Product Description	RECOMMENDED USES		
SETFAST LATEX TRAFFIC PAINTS are conventional dry (non-heated application) water based paints intended for use in marking parking lots, airports, and roads.	For marking airfields, highways, or parking lots, when colors other than standard white and yellow are needed, and water based or low VOC coatings are required.		
 Fast drying High visibility Glass beads can be added for making reflective markings Abrasion resistant Low VOC Water cleanup 	Red: No parking zones or fire lanes Blue: Handicap parking spaces Black: Painting out existing markings • Air fields • State DOTs • Striping contractors		
	Shopping centersStreets and highwaysPlant maintenance		

PRODUCT CHARACTERISTICS		PERFORMANCE CHARACTERISTICS		
Finish:	Flat	TEST	METHOD	RESULT
Color:	Red, Blue, Black	Abrasion Resistance	Taber/ASTM D4060	220 min wear index
Volume Solids:	52% minimum	Scrub Resistance	ASTM D2486	400 cycles minimum
Weight Solids:	68% minimum	Flexibility	TT-P-1952B	Pass
VOC (EPA Method 24):	<100 g/L; 0.83 lb/gal	Fineness of Grind	ASTM D1210	3 Hegman minimum
		Viscosity	ASTM D562	80 to 90 KU
Recommended Spreading Rate per coat: Approximately 320 lineal feet of standard 4" stripe per gallon Wet mils: 15.0		Dry Opacity (Contrast Ratio)	Fed. Mtd. 141C	0.95 @ 5.0 mils
Dry mils: Coverage:	8.3 110 sq ft/gal approximate	Freeze-Thaw Stability	ASTM D2243	5 cycles minimum
NOTE: Brush or roll application for small areas only. If the asphalt is insufficiently cured, applying a thin coat (ap-		Color	Fed. Std. 595b ASTM D2244 <6.0 CIELAB	Red #31136 Blue #35180 Black #37038
extent of lifting and crack	mmended dft) generally reduces the ing.	Bleeding Ratio	ASTM D969	0.95 minimum
Drying Schedule @ 15.0 mils wet @ 50% RH: @ 77°F		Dry No Pickup	ASTM D711	45 minutes maximum
To touch: No traffic pickup after	45 minutes 45 minutes			
		Composition Information		
Drying time is temperature, humidity, and film thickness dependent.				
Shelf Life:	36 months, unopened Store indoors at 40°F to 100°F.	Total Solids: 52% minimum by volume 68% minimum by weight		

Traffic Products 10.02 continued on back

Pigment Weight Percent:

Contains no lead or chromium

Non-Volatile Vehicle:

48% minimum

38% minimum



Traffic & Zone Products

10.02 SETFAST® LATEX TRAFFIC MARKING PAINTS

TM2132 RED TM2133 BLUE TM2135 BLACK

PRODUCT INFORMATION

PRODUCT INFORMATION				
	RECOMMENDED SYSTEMS	Surface Preparation		
Cured Highwa		Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, and other foreign material to ensure adequate adhesion.		
1 ct. Setfast Latex Traffic Marking Paint @ 15 mils wet, 8.3 mils dft, approximately 320 lineal feet of standard 4" stripe per gallon		Refer to product Application Bulletin for detailed surface preparation information.		
		Minimum recommended surface Concrete: Asphalt: Brick:	preparation: Cured, clean, dry, sound Cured, clean, dry, sound Cured, clean, dry, sound	
		TINTIN	IG	
		Do not tint. APPLICATION CONDITIONS		
		(air, si At lea:	minimum, 110°F maximum urface, and material) st 5°F above dew point	
		Relative humidity: 85% r	maximum	
		Refer to product Application Bul information.	lletin for detailed application	
		ORDERING INFORMATION		
		Packaging: 5 galle	on containers	
		Blue: 12.56	± 0.2 lbs/gal ± 0.2 lbs/gal ± 0.2 lbs/gal	
		SAFETY PRECAUTIONS		
		Refer to the MSDS sheet before	use.	
	stems listed above are representative of the product's Other systems may be appropriate.	Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.		
	DISCLAIMER	Warra	ANTY	
based upor Such informand pertain Sherwin-W	nation and recommendations set forth in this Product Data Sheet are in tests conducted by or on behalf of The Sherwin-Williams Company. mation and recommendations set forth herein are subject to change in to the product offered at the time of publication. Consult your dilliams representative to obtain the most recent Product Data Inford Application Bulletin.	The Sherwin-Williams Company warrants in defects in accord with applicable Sherw Liability for products proven defective, if defective product or the refund of the product as determined by Sherwin-Williams ANTEE OF ANY KIND IS MADE BY SHE IMPLIED, STATUTORY, BY OPERATION ING MERCHANTABILITY AND FITNESS	vin-Williams quality control procedures. any, is limited to replacement of the urchase price paid for the defective i. NO OTHER WARRANTY OR GUAR- ERWIN-WILLIAMS, EXPRESSED OR OF LAW OR OTHERWISE, INCLUD-	



Traffic Zone **Products**

10.02A SETFAST® LATEX TRAFFIC MARKING PAINTS

TM2132 RED TM2133 BLUE TM2135 BLACK

APPLICATION BULLETIN

Revised 8/05

ld be clean, dry and free from loose or peeling
apply when air or surface temperatures are be-

Surfaces shoul paint. Do not a low 50°F, or when the relative humidity exceeds 85%, or when the temperature falls below the dew point.

SURFACE PREPARATION

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. 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/gal). Special care should be given to laps and edges of stencils to prevent excessive film thickness.

50°F minimum, 110°F maximum Temperature:

(air, surface, and material)

APPLICATION CONDITIONS

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.

These products are formulated for airless spray or conventional air atomized spray without thinning at ambient temperatures above 50°F.

Reducer/Clean Up Water

Airless Spray Line Striping Equipment

Pressure 1800-2700 psi Hose 1/4" - 3/8" ID Filter 60 mesh

Reduction As needed up to 121/2% by volume

Conventional Spray Line Striping Equipment

Gun..... Binks 21 (Bleeder) Fluid Nozzle #68

Air Nozzle Internal mix, #709

Atomization Pressure .. 20-80 psi Fluid Pressure 30-60 psi

Reduction As needed up to 121/2% by volume

Brush, small areas only

Brush...... Nylon/polyester

Reduction As needed up to 121/2% by volume

Roller, small areas only

Cover 3/8" woven with phenolic core Reduction As needed up to 12½% by volume

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

If the striping machine is also used for solvent based paint. care must be taken to avoid solvent contamination.

If specific application equipment is not listed above, equivalent equipment may be substituted.

Traffic Products 10.02A continued on back



Traffic Zone **Products**

10.02A SETFAST® LATEX TRAFFIC MARKING PAINTS

TM2132 **TM2133** BLUE TM2135 BLACK

APPLICATION BULLETIN

Application Procedures Performance Tips Spreading rates are calculated on volume solids and do not Surface preparation must be completed as indicated. include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the ap-Mixing Instructions: Mix paint thoroughly by boxing, stirring or plicator, method of application, various surface irregularities, power agitation before use. material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build. Apply paint at the recommended film thickness and spread-Excessive reduction of material can affect film build, appearing rate as indicated below: ance, and adhesion. Recommended Spreading Rate per coat: In order to avoid blockage of spray equipment, clean equip-Approximately 320 lineal feet of standard 4" stripe per gallon ment before use or before periods of extended downtime with Wet mils: 15.0 Dry mils: 8.3 Asphalt surfaces generally require aging prior to painting. 110 sq ft/gal approximate Coverage: If the asphalt is insufficiently cured, applying a thin coat (ap-**NOTE:** Brush or roll application for small areas only. proximately 1/2 the recommended dft) generally reduces the If the asphalt is insufficiently cured, applying a thin coat (apextent of lifting and cracking. proximately 1/2 the recommended dft) generally reduces the Check adhesion by applying a test strip to determine the readiextent of lifting and cracking. ness for painting. Drying Schedule @ 15.0 mils wet @ 50% RH: The coating may be made into reflective paint by dropping on glass beads while the paint is still wet. @ 77°F To touch: 45 minutes Painted surfaces can become slippery when wet. Traffic 45 minutes No traffic pickup after paints are not intended for use as floor paints, and should not be used to paint large areas subject to pedestrian traffic. Drying time is temperature, humidity, and film thickness dependent. Do not paint on wet surfaces. Application of coating above maximum or below minimum Do not paint when the relative humidity is above 85%. recommended spreading rate may adversely affect coating performance. Do not paint when the temperature is below 50°F. Cool, damp conditions will prolong the drying time. Refer to Product Information sheet for additional performance characteristics and properties. CLEAN UP INSTRUCTIONS SAFETY PRECAUTIONS Clean spills and spatters immediately with soap and warm Refer to the MSDS sheet before use. water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with Published technical data and instructions are subject to mineral spirits to prevent rusting of the equipment. Follow change without notice. Contact your Sherwin-Williams repremanufacturer's safety recommendations when using mineral sentative for additional technical data and instructions. spirits.

DISCLAIMER

WARRANTY

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUAR-ANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUD-ING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.