

SetFast® Acrylic Aisle Marking Paint

TM2173 Yellow


**SHERWIN
WILLIAMS®**

CHARACTERISTICS

SETFAST ACRYLIC AISLE MARKING PAINT is a conventional dry, industrial grade, gloss water based acrylic product. Designed for use on interior concrete or asphalt floors where markings are necessary to designate boundaries of aisles, stalls, or storage areas.

Features:

- Fast dry
- Water cleanup
- Ready to use
- Conventional dry
- Suitable for use in USDA inspected facilities

For use on interior properly prepared:

Cured asphalt, Concrete floors

Recommended for use in:

- Warehouses
- Factories
- Boundaries or aisles
- Stalls or storage areas

Can be used with stencils (Available through Sherwin-Williams) for marking.

Finish: Gloss

Color: Yellow

Recommended Spreading Approximately 320

Rate per coat: lineal feet of standard
4 inch stripe per
gallon

Wet mils: 15.0

Dry mils: 6.2

Coverage sq. ft. per gallon: 106

Theoretical coverage sq. ft. per gallon: 657 @ 1 mil

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.

Tinting: Do not tint

**Drying Schedule @ 15.0 mils wet,
@ 77°F - 25°C, @ 50% RH:**

Light traffic: 2 hours

Heavy traffic: 24 hours

Full service: 3 days

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

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

140 grams per litre; 1.16 lb. per gallon
As per 40 CFR 59.406

Volume Solids: 41 ± 2%

Weight Solids: 51 ± 2%

Weight per Gallon: Density 9.69 lb

Flash Point: N.A.

Shelf Life: 12 months, unopened

COMPLIANCE

As of 07/13/2021, Complies with:

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

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: Not recommended

Airless Spray Line Striper:

Pressure 1500-2700 p.s.i.

Hose 1/4 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 Nylon-polyester

Roller Cover 3/8 inch woven with
solvent resistant core

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

If specific application equipment is listed above, equivalent equipment may be substituted. In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime.

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

Mixing Instructions: Mix paint thoroughly to a uniform consistency with low speed power agitation prior to use.

RECOMMENDED SYSTEMS

Cured Asphalt, Concrete, and Brick:

1-2 coats Setfast Acrylic Aisle Marking Paint @ 320 lineal feet of standard 4 inch stripe per gallon, approximately 15.0 mils wet, 6.2 mils dry per coat.

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SetFast®

Acrylic Aisle 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.

Interior Concrete and Cement Floors:

For surface preparation, refer to SSPC-SP13/NACE 6 or ICRI No. 310.2R, CSP 1-3. All surfaces must be cured according to the supplier's recommendations. Remove all form release and curing agents by sandblasting, shot blasting, mechanical scarification, or suitable chemical means. Patch holes or cracks with an appropriate filler.

Moisture-(Reference ASTM D4263) Concrete must be free of moisture as much as possible (moisture seldom drops below 15% in concrete). Test for moisture or dampness by taping the 4 edges of an 18 inch by 18 inch plastic sheet (4 mils thick) on the bare surface (an asphalt tile or other moisture impervious material will also do), sealing all of the edges. After a minimum of 16 hours, inspect for moisture, discoloration, or condensation on the concrete or the underside of the plastic. If moisture is present, the source must be located and the cause corrected prior to painting.

Any area saturated with grease or oil should be covered with dry sand or grease absorbing powder and allowed to sit overnight. Sweep up sand or powder. Scrub the surface using warm water and a powdered commercial cleaner or a degreasing cleaner. Rinse well with clean water. Repeat if oil and grease are not completely removed. Bare concrete should be etched. New concrete should not be etched for at least 30 days. Rinse thoroughly. Neutralize any acid left on the surface with a solution of one gallon of warm water and ½ cup of powdered commercial cleaner. Rinse and allow to dry thoroughly.

Because water will collect in low spots and deposit etching and cleaning residue, it is recommended that the floor be vacuumed to remove any remaining water.

Interior Asphalt:

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, 4 mils dft, approximately 200 sq.ft per gallon. Special care should be given to laps and edges of stencils to prevent excessive film thickness.

PERFORMANCE

No reduction of material is recommended as it can affect film build, appearance, and adhesion.

Do not paint when the relative humidity is above 85%. Do not paint when the temperature is below 50°F (10°C).

Do not paint on wet surfaces.

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

Density	
Yellow	9.54-9.84
Dry-to-Touch	
Yellow	45 minutes maximum
Dry-No-Pickup	
Yellow	45 minutes maximum
Fineness of Grind	
Yellow	2 Hegman minimum
Contrast Ratio	
Yellow	.92 minimum
Reflectance	
Yellow	57.0 minimum
KU	
Yellow	62-70

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. This aisle marking paint is not intended to be used to paint large areas subject to pedestrian traffic.

Slip Resistance – Some surfaces may require a slip resistant additive for safety. Add H&C SharkGrip® Slip Resistant Additive to the final coat applied following label directions. Sand may also be broadcast onto the wet paint or incorporated in the final coat. These additives should not be used in place of a non-skid finish.

CLEANUP INFORMATION

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

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