

## Exterior Acrylic Field Marking Paint

Flat • 8180

### Product Description

A fast-drying concentrated acrylic latex coating specifically designed for use to decorate and line stripe all types of fields of every description, such as grass, cinder, dirt and clay. Its special formulation will not smear, is nontoxic, non-irritating to eyes or skin and will not harm grass or other surfaces. When properly mixed and applied, it provides excellent coverage, crisp color distinctions, superior adhesion to dry surface grasses for lasting design effects and resistance to wear. **Contains No Lead Pigments!**

<p><b>Recommended Substrates</b></p> <ul style="list-style-type: none"> <li>• Exterior natural grass or artificial turf</li> <li>• Football, baseball, soccer fields</li> <li>• Lacrosse, field hockey fields</li> <li>• Airstrips, county fairs</li> </ul> <p><b>Product Features</b></p> <ul style="list-style-type: none"> <li>• Temporary to semi-permanent marking</li> <li>• Water-based formula</li> <li>• Concentrated - up to 3:1 ratio</li> <li>• Superior coverage and adhesion</li> <li>• Non-toxic and non-irritating</li> <li>• Wear resistant</li> <li>• Easy to apply</li> </ul> <p><b>Product Limitations</b></p> <p>This product is for use on properly prepared above grade vertical substrates. Do not apply to horizontal surfaces or areas that come in constant contact with moisture or standing water.</p>	<p>Available bases   8180: White</p> <p><b>Application:</b> Brush, roller, airless or conventional spray</p> <p>Dry time @ 50% RH*: 30 - 45 Min to touch 1 HR recoat</p> <p>*dry times listed may vary according to the relative humidity, temperature, film build, color and air movement of the application environment</p> <p>Flash Point: NonFlammable &gt;200°F</p> <p>Clean Up: Soap and water</p> <p><b>Compliance</b></p> <p>This product is VOC compliant based on limits provided by EPA, CARB, MPI GPS-1 and GPS-2, LEEDv4, OTC Phases 1 &amp; 2 and SCAQMD.</p>	<p><b>Product Data</b></p> <p>Product Type: <b>Vinyl Acrylic</b></p> <p><b>8180</b></p> <p>Gloss @60°: 1 - 5</p> <p>Wt Solids ±2%: 35%</p> <p>Vol Solids ±2%: 19%</p> <p>Wet Film Mils: 4.0 - 5.3</p> <p>Dry Film Mils: 0.8 - 1.0</p> <p>Coverage / Gal * 300 - 400</p> <p>* coverage and wet and dry millage will vary by substrate type and porosity.</p> <p>VOC gms p/L**: &lt;50</p> <p>** less exempt solvents and before the addition of colorant</p> <p>Viscosity KU ±5: 117</p>
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### Surface Preparation

Caution! There is the potential to release lead dust if you sand scrape or remove old paint. Lead is toxic and exposure to lead dust particles can cause serious illness including brain damage especially in children. Pregnant women should avoid exposure. If adequate ventilation is not possible, wear a NIOSH approved respirator to avoid inhalation of the fumes and wear clothing designed to prevent skin contact. Clean up carefully with a HEPA vacuum and a wet mop. Before starting your project, you can find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or visit their website at [www.epa.gov/lead](http://www.epa.gov/lead).

**General Surface Preparation:** The field surface area to be painted should be free of debris and foreign materials such as, trash, stones, sticks, twigs, etc. Grassy areas to be painted should be evenly cut to desired height, approximately 1 to 1-1/2 inches on average, and free from grass clippings. The entire surface area should be dry before material application. Where the grass is abnormally dry, water the field and allow the water to be absorbed by the grass. This will prevent the grass from absorbing pigmented water directly from the coating, which may cause the lines to appear burnt in. Field areas that are wet from rain, dew or watering, must be allowed to dry thoroughly before application. Muddy areas should be filled/covered with sand to control run-off. Cinder tracks should be dry when applying coating material.

### Diluting / Thinning

Field Marking Paint is formulated as a "concentrate" and should be mixed with water; stir thoroughly and mix approximately 1 - 3 gallons of water to one (1) gallon for field marking paint. Thinning ratio will determine overall hiding and coverage. Over thinning can result in less coverage, longer drying time and color variations.

**Application:** Dilute as recommended by thinning instructions, stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed. Do not mix more paint than will be used in a day. For best results, it is recommended to apply with a professional line stripping machine. To assure color uniformity always intermix multiple containers of custom tinted and stock colors. Apply a small test sample to verify color. When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a .015" - .017" fluid spray tip. During spray application, use design and letter stencils to create words and/or designs for large surface areas. When using a professional line stripping machine, run chalk-lines to mark line areas to be painted before spray application of material to ensure even and straight lines during application.

**Dry Time / Cure:** Adverse weather conditions can negatively impact the performance of the product. Do not use when air, surface or product temperatures are below 55°F or above 90° F. Substrate temperature must be 5° F above the dew point. Relative humidity should not exceed 85%.

**Clean Up:** Minor spills, painting tools and spray equipment should be immediately cleaned with soap and water. More serious spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

**Safety - CAUTIONS: KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY! USE ONLY WITH ADEQUATE VENTILATION!** Avoid prolonged contact with skin, and breathing of dust, vapors or spray mists. Avoid contact with eyes and wear eye protection. If adequate ventilation is not possible, wear a NIOSH approved respirator to avoid inhalation of the fumes and wear clothing designed to prevent skin contact. Wash skin thoroughly after handling. Close container after each use and store in a secure, shaded and dry location. **First Aid:** Wash skin thoroughly with plenty of warm soap and water. In case of eye contact immediately flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing leave area to obtain fresh air. If continued difficulty is experienced get medical attention immediately. If swallowed do not induce vomiting and get medical attention immediately.

### Storage and Disposal

Product should be kept from freezing temperatures or temperatures above 95°F. Refer to your local city or county government for instructions on disposal options.

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Please excuse the small print used on this document but most paint company datasheets are two pages long. By squeezing all this information on one page we are doing our part to save a few trees.

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