



# TECHNICAL DATA SHEET

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## Gentem Waterborne Road Marking Paint

### **Description**

A fast-drying paint for marking traffic lanes on streets, highways and other areas requiring such markings. It can be used with or without glass beads. Our product provides easy clean up with water, are non-flammable, low VOC and can be applied on both asphalt and concrete.

### **Product Information**

<b>Vehicle Type</b>	Acrylic
<b>Weight Solids, %</b>	77.1±0.5
<b>Volume Solids, %</b>	60.2±0.5
<b>Viscosity, KU</b>	80-90KU
<b>Weight Per Gallon, lbs/gal</b>	10.5±0.2
<b>VOC (theoretical), g/L</b>	92.7

Product shelf life is 1 year from date of manufacture if stored in appropriate conditions.

### **Surface Preparation**

The surface to be applied must be clean and dry. Other surface preparation includes, however is not limited to cleaning and removal of sealing and curing compounds. Surfaces shall be free of dust, oil, grease, wax, rust or other deleterious materials. Prepared surface should be wider than the material line to be applied. New surfaces shall be in place minimum two weeks prior to application and all curing compounds shall be removed. Existing markings that can interfere with product performance shall be physically removed. After surface preparation the surface should be cleaned of any materials.

Do not heat paint in striping system above 110°F. Do not apply when temperatures are near or below the dew point or rain is forecast within 1 hour. Do not apply if temperature is expected to fall below freezing for 6 hours after application.

### **Application**

Pre-mix the material thoroughly with a high-speed power drill mixer. Load paint into applicator. Without drop on glass beads, this paint dries to a lab ASTM D711 no pickup in less than 10 minutes @ 15 mils when surface temperature are 77° F at 50±5% humidity. When glass beads are applied at a rate of at least 6 pounds per gallon to a 15 mil wet line, the field applied paint will dry to an ASTM D713 no-track in less than 3 minutes at the weather conditions listed above. Do not apply when temperatures are below 50 F. 1 gallon of paint yields estimated 320 feet of 4" stripe @ 15 mils.

### **Storage**

Store above 4°C (40°F), off the ground and in a dry place away from direct sunlight. Under no circumstances shall the product be permitted to freeze. Should be kept in well ventilated area. Containers must be kept tightly closed.

### **Safety**

Before working with this product, the user is required to read and understand the information provided in the Safety Data Sheets and to follow the safety precautions and good industrial hygiene.