

## Aqueous Road Marking

### Description

**H**appilac Aqueous Road Marking Paint is a water based product that supersedes traditional oil based road marking paints and its properties. It exhibits fast drying, excellent adhesion and outstanding wash-ability along with tolerance to high rainfall and resistance to abrasion. This product features excellent durability in terms of glass beads retention for long term night visibility ensuring road safety.

### Recommended For

**H**appilac Aqueous Road Marking Paint is suitable for asphalt, concrete roads, runways, kerb stone, speed humps and parking lots.

### Features

- Excellent adhesion and durability
- Outstanding retention of Glass Beads
- Fast dry and highly washable
- Very economical and affordable
- Non flammable
- Water based and resistant to abrasion
- Excellent wear properties

### Limitations

- Drying time may vary depending on weather and drying conditions
- Appropriate preparation of substrate is required for stronger adhesion

### Product Information

<b>Composition:</b> Acrylic latex, Titanium dioxide and specialty additives	<u>Binder type</u> Acrylic Based
	<u>Pigment type</u> Titanium dioxide
	<u>Volume solids</u> 60±2 %
	<u>Weight solids</u> 77±2 %
	<u>PVC</u> 60±2 %
<b>Certifications:</b> VOC compliant in all regulated areas. OHSAS : 18001 ISO : 14001 ISO : 9001	<u>Total solids</u> 77±2 %
	<u>Non-volatile vehicle</u> 42%
	<u>VOC</u> 84 g/L
	<u>Odor</u> Odorless
<b>Technical Help:</b> Happilac Paints technical department is always available to assist you in the correct use of our products.	<u>Viscosity</u> Ready to use
	<u>Flash point</u> Non flammable
<b>Storage:</b> The product must be stored in cool, dry and well ventilated place away from source of heat and ignition. Keep the container closed and upright and handle with care.	<u>PH</u> Slightly alkaline
	<u>Application</u> Brush, Roller, Spray
	<u>Finish</u> Matt
	<u>Thinner</u> Water
	<u>Dries by</u> Evaporation, Oxidation
	<u>Surface dry</u> 10 minutes
	<u>Hard dry</u> 45 minutes
	<u>Recoat</u> 30 minutes
	<u>Film thickness(Wet)</u> 120-240 microns per coat
	<u>Film thickness ( Dry)</u> 50-100 microns per coat
	<u>Covering</u> 1.5-2.0 m <sup>2</sup> /kg depends on surface
	<u>Storage temperature</u> 4-30°C
	<u>Packing</u> 5kg, 20kg
	<u>Colors</u> White, Yellow

## Surface Preparation and Application

Appropriate and good surface preparation significantly increases the paint life and durability. Deploy skilled/experienced individuals for the application of paint. A few general instructions are given below:

Surface to be painted must be dry, clean and free from all contamination. Remove dirt, grease and waxy material. Scuff all loose material with suitable scrapper/bristle paper and dust off properly. The temperature of the surface must be appropriate and relative humidity and dew point of air must be checked. The final finish should not be exposed to any mechanical stress unless fully cured.

## Application Method

Spray:	Airless or conventional
Brush:	Recommended
Roller:	Recommended

## Health and Safety Notes

- When applying Paint, take appropriate eye wear protection.
- In case of eye contact with product, rinse with plenty of water for at least 10 minutes.
- Don't breathe spray mist or dust.
- Ensure proper ventilation when applying paint.
- If swallowed, it may cause serious damage.
- When empty, don't use its container for edible storage.
- Place out of reach of the children.
- Pregnant women are advised to avoid breathing of paint mist or spray.
- In case of any emergency, undergo medical supervision as soon as possible.

**CAUTION:** Scrapping/sanding off previously painted surfaces may release lead dust or fumes. Lead is highly toxic; take protective measures thoroughly when rubbing off the old surfaces.