

ECHO ROAD MARKING PAINT

• DESCRIPTION & FIELD OF APPLICATION

A special paint for road marking based on thermoplastic acrylic and other industrial resins together with special additives.

Echo road marking paint is designed to bear the worst weathering conditions and all the physical properties related to vehicular movement and weight.

Echo road marking paint is recommended for all types of old and new concrete, asphalt roadways, curbstone, traffic crossings, airports, service stations, and parking lots.

• MAIN FEATURES

- High performance (Day and Night) and long lasting retro-reflectivity
- Glass beads can be mixed with the paint
- Highly resistant to water, mineral oils, and petroleum products
- Highly resistant to weathering conditions and scratches
- Fast drying, thus good flow resistance
- Excellent adhesion
- High durability and good color stability
- Good skid resistance
- Non - toxic and environmentally friendly
- Good durability and resistance to abrasion
- Thermoplastic Traffic Marking Paint is an environmentally friendly 100% acrylic emulsion traffic paint containing, contains less than 100g/Ltr VOC.

• PHYSICAL SPECIFICATIONS

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| - Specific gravity | - Approx. 1.55 g/cc |
| - Viscosity (KU) | - 70-110 |
| - Solids By Volume | - Approx. 61 % |
| - Solids By Weight | - Approx. 77.5% |
| - Chemical base | - Thermoplastic Copolymer Solution in Non-Flammable Solvents |
| - Coverage | - 6 to 7.5m ² /Liter |
| - Wet film thickness (microns) | - 148-166 µm / per coat |
| - Wet film thickness (microns) | - 80-20 µm / per coat |
| - Finish | - Eggshell |
| - (VOC)Volatile Organic Content | - <100g/Ltr |
| - Flash Point | - More than 35°C |
| - Drying time at 25° C | - Surface dry approx.50 Second
Hard dry approx. 5 minutes |

- **ROAD PREPARATION**

1. The surface must be in good repair, free from oil, grease, wax, dust, paint and loose material, as well as from all contaminants
2. A primary line can be drawn, then a special road marking stripping machine is used to apply the paint and draw a straight coat on the primary line according to the required thickness. Glass beads can be applied by a dispensing machine alongside with stripping machine for reflectorization.
3. Road Markings can be carried out by using a roller or brush if machines are not available. After diluting the paint by special thinner, glass beads can be mixed with the paint or sprinkled directly on the wet paint before drying.

- **INSTRUCTIONS FOR APPLICATION**

- Paint tools : Brush, Roller, special Road Marking Stripping Machine
- Type of thinner : Special thinner (xylene)
- Percentage of thinning : 5 - 10% max. by volume

- **COLORS**

- White, Yellow, Black and Red.

- **PACKING**

- 19 Ltr.Pail,1 US gallon.

- **STORAGE**

- The product must be kept in cool well-ventilated place, protected from sunlight and heat.
- Containers must be kept tightly closed after partial usage.
- Storage life: up to 5 years from date of production, if stored as suggested.

- **REMARKS**

- Stir well before using.
- Avoid application below 5° C or over 85% relative humidity.



- Ensure good ventilation during application and drying.
- After painting, clean the application tools immediately with xylene.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- After contact with skin, wash immediately with plenty of soap and water or a recognized skin cleaner.
- Keep out of children's reach.
- For more information, please do not hesitate to contact our Technical Department.