

ROAD MARKING PAINT

FLOORING COMPOUNDS

High performance, high-gloss, rapid curing protective floor coating.

PRODUCT DESCRIPTION

A water-repellent, rapid-drying coating based on modified acrylic resin. It contains Titanium Dioxide and premium color-fast pigments. This specially formulated product offers excellent resistance to abrasion and chemicals, making it ideal for concrete and asphalt runway marking.

KEY FEATURES

- **Aesthetic Finish:** Exhibits excellent color and gloss retention over time, maintaining the coating's original appearance.
- **Self-Smoothing Characteristics:** Possesses excellent self-smoothing characteristics that allow the material to level out, providing a uniform, seamless surface.
- **Clear, Non-Yellowing Finish:** The product cures to a clear, non-yellowing finish, making it ideal for applications where pigmentation is not desired.
- **Abrasion Resistance:** Provides excellent abrasion resistance, protecting the substrate from wear and friction.
- **Priming-less Application:** The formulation typically does not require a primer, simplifying the application process and reducing labor time.
- **Adhesion to Substrates:** Demonstrates excellent adhesion to both concrete and metal substrates, ensuring a strong, lasting bond.
- **Chemical Resistance:** Offers excellent chemical resistance, protecting the surface from various corrosive agents.
- **Application Versatility:** The coating is suitable for both interior and exterior applications, providing protection in diverse environments.
- **Temperature Stability:** Remains stable over a wide temperature range, allowing it to perform reliably in varying thermal conditions.
- **Flexibility and Impact Resistance:** Displays good flexibility and impact resistance, helping the coating withstand deformation and sudden shocks without cracking.

PRODUCT BENEFITS



Durable Finish



Primer Free



Weather Stable



High Flexibility

PACKAGING

3.5 Liters and 18 Liters Drum

TECHNICAL PROPERTIES

Properties	Value
Finish	Smooth, medium sheen
Colors	White, yellow, black and red
Volume solids	50±2%
Flash point	30°C
Typical paint system	2-3 coats

THEORETICAL COVERING CAPACITY

	Recommended dry film thickness per coat	Spread Rate
Minimum	75 microns	6.67 m ² /Ltr
Maximum	125 microns	4.00 m ² /Ltr
Typical	100 microns	5.00 m ² /Ltr

PRACTICAL COVERING CAPACITY

For the estimation of practical covering capacity, the following factors to be taken into account: surface profile, uneven application, losses in the container and equipment etc.

Drying Time

Surface Temperature	Touch Dry	Recoating Interval	
		Minimum	Maximum
25°C	20 min	16 Hrs	Indefinite
35°C	15 min	14 Hrs	Indefinite
45°C	12 min	10 Hrs	Indefinite

APPLICATION AREAS

- For interior and exterior marking applications.
- Suitable for concrete substrates in traffic and pedestrian zones.
- Compatible with asphalt surfaces for road and pavement markings.
- Applicable on paving blocks and kerbs for delineation and safety markings.

APPLICATION METHOD

1. Surface Preparation:

- Ensure the surface is clean, dry, and free from contaminants.
- Surface must be in sound condition without laitance.
- Remove laitance using a wire brush or sweep blast.
- Consolidate dusting or chalking surfaces with Berger Plastaseal Penetrating Sealer

2. Application:

- Ensure the surface is clean, dry, and free from contaminants.
- Coating performance depends on surface preparation.
- Ensure sufficient ventilation during application and drying.
- Avoid applying when humidity exceeds 85% with possible condensation.

- Apply when surface temperature is at least 3°C above dew point.

The Moisture content of substrate should not exceed 6% (measured with calibrated moisture meter) Thoroughly stir the contents before use.

- Can be applied with a brush, roller, or airless spray
- Use Solvalux 7 – 25 thinner (5% to 10% depending on application method) if necessary. Consult Asian Paints Berger technical support for proper solvalux grade.

Application Data

- Method of application: Brush or Roller, Airless Spray
- Thinner: Solvalux 7 – 25 (use 5% to 10% thinner for ease of application depending on the method of application.
- Typical Paint System: 2- 3 coats

PRODUCT LIMITATIONS

Not available

STORAGE CONDITIONS

Store in cool, dry conditions, and ensure proper ventilation during application.

SHELF LIFE

Shelf life is up to 12 months from the date of manufacture.

SAFETY PRECAUTIONS

- Always wear protective gloves, goggles, and clothing during mixing and application to prevent skin or eye irritation.
- Avoid direct contact with skin or eyes; in case of contact, wash the affected area with plenty of clean water.
- If inhaled, move the affected person to fresh air immediately and seek medical advice if discomfort persists.
- Ensure proper ventilation at the site of application to avoid inhalation of fumes.
- Keep away from heat, sparks, and open flames. Do not smoke during handling.

CERTIFICATIONS

Not available

DISCLAIMER

The information provided in this Technical Data Sheet is based on laboratory tests, industry practices, and practical application experience. However, actual site conditions may vary and are beyond the manufacturer's control. Asian Paints makes no warranties, expressed or implied, and shall not be liable for any loss or damage resulting from improper usage, handling, or non-compliance with the recommended guidelines. Users are advised to test the product for suitability before full-scale application.