



PREBOND-DT400 (PU Floor Paint)

★ **PRODUCT NAME: PREBOND-DT400 (PU Floor Paint)**

★ **PRODUCT DESCRIPTION: PREBOND-DT400** is a two-component, self-priming, (Si-PU) silicone-modified polyurethane floor coating designed to provide a durable, hard-wearing finish on RCC concrete floors. It is suitable for light, medium and heavy traffic areas including forklift routes, workshops, garages, battery rooms, showrooms, warehouses, marine, automotive plants and chemical processing industries. The coating offers excellent resistance to acids, alkalis, abrasion, scratches, impact, oil, soap-water and wear while providing a semi-gloss, easy-to-clean, non-slip finish. Its 100% solids formulation eliminates curing shrinkage, ensuring wet film thickness equals dry film thickness. A single coat provides long-term protection for approximately 02*–03* years under normal service conditions.

★ **KEY BENEFITS**

- No any types of primer required before its application.
- Semi-gloss, smooth, hydrophobic and easy-to-clean finish.
- Solvent-free, low VOC, 100% solids, compliant with green building standards.
- Outstanding chemicals, scratch, impact & abrasion resistance for heavy-duty industrial & marine environments.

★ **PHYSICAL PROPERTIES:**

Property	Specification
Components	Part A (Base Colour) + Part B (Hardener)
Mix Ratio	4: 1 (04 kg Base + 01 kg Hardner)
Colour	As required RAL Shade
Finish	Semi-Gloss
Solids	100% by volume
Flash Point	>100°C
Viscosity	225 sec
Density	1.10 g/cc
Chemical Resistance	Excellent
Scratch/Abrasion	Excellent
Impact/Wear	Excellent
Oil & Soap Water	Excellent

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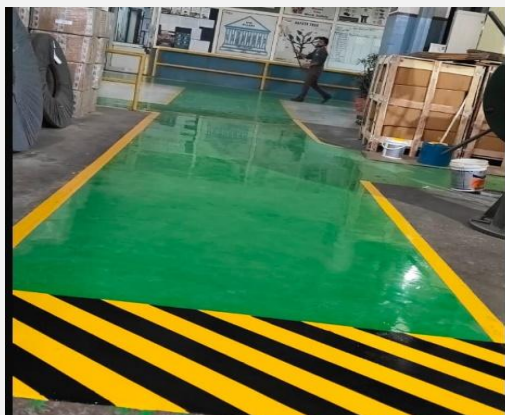
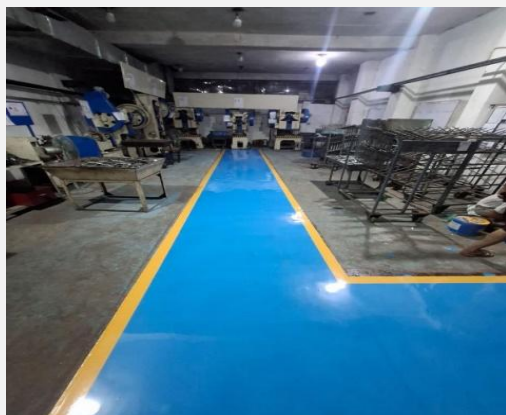


★ APPLICATION PROPERTIES:

Property	Specification
Pot Life	30–40 min
DFT	300–500 µm micron per coat
Coverage	50–60 Sq. Ft. area in per kg.
No. of Coats	01 coat sufficient (apply 02 nd coat where required in)
Full Cure	24 hours (48 hours for full chemical resistance)
Performance	Light Traffic 12 hours ! Full Traffic 48 hours
Application	Roller, Brush, Airless Spray
Surface Preparation	Remove oil, grease and dust before application
Shelf Life	12 months
Pack Size	01 kg base+250 gm hardener / 04 kg base+01 kg hardener

★ MIXING INSTRUCTIONS:

1. Shake Part-A (base colour) thoroughly before opening.
2. Add the entire contents of Part-B (hardener) to Part-A in the ratio 04: 01 (A: B) by volume.
3. Mix thoroughly with a slow-speed for 02 minutes, scraping sides and base of container.
4. Apply immediately within pot life. Do NOT add solvents. Do NOT thin. Partial kits must maintain the 04:01 ratio.



For, more any other technical details of the products & our services, please contact us. +91-9011926733, +91-9307742241

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PREBOND-LD – Fast Drying Floor Marking Paint

Floor Marking Paint

Warehouse Floor Marking Paint for Industrial Concrete Floors

Product Overview

PREBOND-LD is a fast drying floor marking paint developed for industrial environments where clear, durable, and highly visible floor markings are required. It is a single-component, fast-drying and fast-curing silicone-modified acrylic and ultrafine ceramic pigment-based thermoplastic floor marking and line marking paint.

As a warehouse floor marking paint, PREBOND-LD is suitable for warehouses, factories, manufacturing plants, parking areas and commercial facilities, where concrete floor markings improve safety, traffic flow and workplace organisation. Available in yellow, green, white and black, it works well as a floor paint for walkways, traffic lanes and safety zones alike.

PREBOND-LD provides excellent adhesion on properly prepared concrete, bitumen, stone and kerb surfaces, along with durable line markings, long-lasting visibility and chemical resistant floor paint performance against diluted acid, alkali and soap water, even under light, medium to heavy traffic from forklifts, scissor lifts, vehicles and machinery.

Key Benefits

Fast drying floor marking paint with fast-curing performance

High visibility industrial markings in yellow, green, white and black

Durable warehouse floor marking paint built for concrete lane marking

Excellent adhesion on concrete, bitumen, stone and kerb surfaces

Chemical resistant floor paint against diluted acid, alkali and soap water

Suitable for indoor and outdoor industrial applications

Long-lasting traffic lane markings with excellent weather and UV resistance

Easy application and maintenance with no mixing error and no pot life

Physical Properties

Color	Yellow, Green, White & Black
Flammability	Flammable
Viscosity at 27°C	95±5 seconds
Solid Content	60% total solid
Dry Film Thickness (DFT)	50-60 um microns DFT in single coat
Drying Time (air dry)	Touch Dry 10 minutes, Hard Dry-12
Finish	Very hard, Glossy and smooth

Gloss Level	70+@30 deg C
Water Resistant	Excellent (Hydrophobic/water repellent nature)
Chemical Resistant	Excellent (diluted acid, alkali & soap water)
Adhesion (by cross hatch method)	100% (as per IS-101 & ASTM D3359)
Flexibility	Passes OT bend test
Scratch & Wear Resistant	2000 gms more
Abrasion Resistant	Excellent
Direct impact Resistance	10 Kg cm
U/v & Weather Resistant	Excellent
Coverage	10-12 Sq. Mtr. area in per liter
Recommended Coats	Apply 02 coat for better results (06 hours difference time)
Packing & Storage	10 & 20 Liters

METHOD OF APPLICATION

Concentration	PREBOND-LD supply in ready to use form.
Before Use	Shake/stir well before use.
Method of Application	Brush, roller, air spray, airless spray etc.
Thinner	Always use PREBOND-084 thinner on its application.
Thinner in take by volume	Approx. 05-10% in per liter as per required.
Recommend Coats	Apply 02 coat for better results (06 hours difference time).
Primer	Before is application primer coat is not required.
Surface Preparation	All surfaces to be coated must be perfectly cleaned.
Self-life	12 months in air tight containers.
Packing & Storage	10 & 20 Liters.

Applications of PREBOND-LD Floor Marking Paint

Warehouses

Durable warehouse floor marking paint for aisle, storage and safety line markings.

Manufacturing Plants

Fast drying floor marking paint suited to busy production floor environments.

Factory Floors

High visibility markings that hold up under continuous factory floor traffic.

Industrial Walkways

Clear, long-lasting markings for pedestrian walkways within industrial facilities.

Parking Areas

Concrete lane marking paint for parking bays and vehicle movement zones.

Loading Bays

Excellent adhesion and durability for loading bay and dock markings.

Distribution Centers

Traffic lane marking paint suited to high-traffic distribution center floors.

Concrete Traffic Lanes

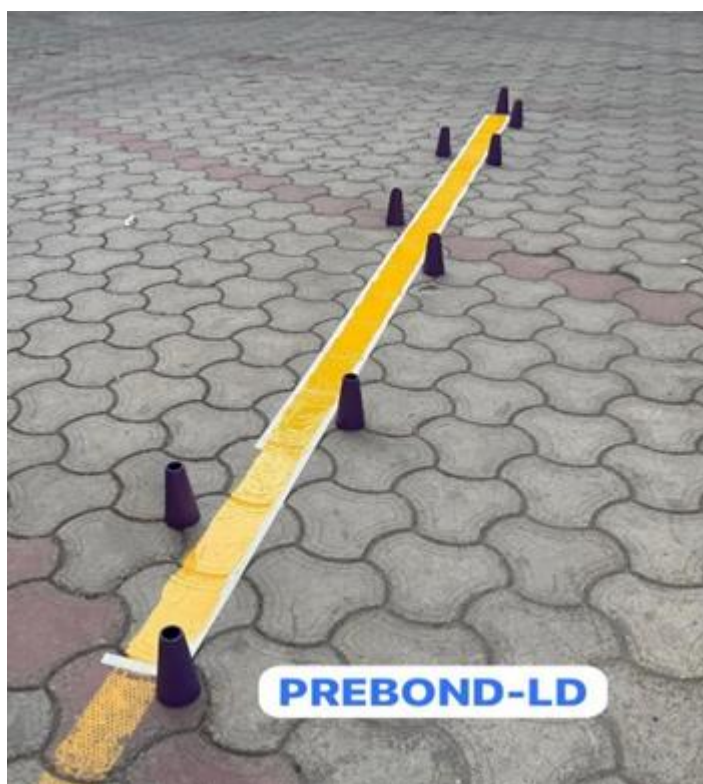
Long-lasting traffic lane markings for concrete surfaces under vehicle traffic.

Safety Zone Markings

High-visibility floor paint for walkways, hazard zones and safety boundaries.

Product Gallery





Frequently Asked Questions

What is PREBOND-LD used for?

PREBOND-LD is used for marking warehouse floors, factory walkways, parking areas, loading zones, and industrial traffic lanes.

Can PREBOND-LD be applied on concrete floors?

Yes. PREBOND-LD is suitable for properly prepared concrete floors used in industrial and commercial facilities.

Is PREBOND-LD suitable for warehouse floor markings?

Yes. PREBOND-LD is designed to provide durable and highly visible floor markings for warehouses, factories, and industrial workspaces.