



# RM 30P

Cold Applied Water Bond Marking Paint

Pack Size  
20Kgs

TDS  
Technical Data Sheet



## Description

RM 30 P is an eco-friendly, cold applied, water-based, fast-drying acrylic road marking paint available in standard shades of white, golden yellow, lane red, and black. It is suitable for application on concrete and bituminous surfaces in runways, taxiways, aprons, and similar areas. RM 30 P is durable, environmentally friendly, and dries quickly. However, high humidity or low temperatures may increase drying time.

## Characteristics

Color:	White / Golden Yellow / Lane Red / Black
Specific Gravity:	1.50 - 1.60
DFT (Dry Film Thickness), Micron, un-beaded:	30 - 40
Finish:	Smooth and Matte
Drying Time at 27°C:	Surface Dry: 20 minutes Hard Dry: 50 minutes
Theoretical Coverage:	10 - 13 m <sup>2</sup> /L
Volume Solid:	35 ± 2%
VOC Content:	<30 g/L

## Application

RM 30 P can be applied on bituminous or concrete surfaces using a spray applicator, brush, or roller. It is ideal for marking zebra crossings, path dividers, speed breakers, and similar applications.

## Advantages

RM 30 P is an environmentally friendly product, being water-based. It offers quick setting, good durability, and adhesion. The product enhances safety, is easy to repaint, and significantly reduces disposal costs due to its low VOC content. Additionally, it ensures easier and safer cleanup.

## Application Methodology

Product Data Sheet

RM 30P

July 2024, Version 01.001

## Surface Preparation

Ensure that the surface is fully cured, clean, structurally sound, and dry. Remove all loose gravel, dirt, oil, grease, and foreign matter using a jet of dry air. If there is any pre-existing line, it should be removed before applying RM 30 P. For new concrete roads, ensure the concrete is at least 28 days old. The substrate temperature should be between 10°C and 40°C, with humidity below 80%. There should be no standing water in the area of application. If sandblasting is not possible, mechanical grinding of the surface is acceptable. Saw cut the area to be repaired in a geometrical shape.

## Material Preparation

Stir RM 30 P thoroughly to ensure uniformity.

## Application of Material

Mark reference lines on the surface using nylon rope and chalk prior to application. Apply RM 30 P within the reference lines using an airless spray, roller, or brush. For airless spray application, ensure nozzle pressure is between 1800 and 2200 psi, with an orifice size ranging between 10 thou to 23 thou. Ensure the finish lines are uniform and free from streaks. Take appropriate safety measures to ensure smooth progress of the work.

## Health & Safety

Avoid contact with skin and eyes, and avoid swallowing the product. Ensure adequate ventilation and avoid inhalation of vapors. Wear suitable protective clothing, gloves, and eye protection. In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvents to clean the contacted area. If the product comes into contact with eyes, wash immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately. Do not induce vomiting.

## Packing

Available in 20 L packs, with required glass beads in a separate pack available upon request.

## Storage

Store in a cool, dry place in airtight containers, under a shed, and away from heat sources.

## Shelf Life

12 months in original, unopened, sealed condition.

## Pack Size

20Kgs

## Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

## Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

## Legal Disclaimer

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