



# Durable Markings with Optimal Safety and Performance.

Resilient

Colors

For

Safe

Roads

Layer 1

**PMCO<sup>TM</sup>-OL**

Cementitious Base Layer

Layer 2

**PMCO<sup>TM</sup>-CR**

Chlorinated Rubber Color Layer

Layer 3

**PMCO<sup>TM</sup>-CT**

Transparent Seal Layer



## **PMCO-Mark:** The Ultimate Road Marking Solution

PMCO-Mark is a three-layer road marking system developed to ensure exceptional durability and performance. Reinforced with advanced fibers and specialized aggregates, it delivers high-friction, long-lasting road markings that withstand the toughest conditions. With superior resistance to wear, water, chemicals, UV radiation, tire friction, and abrasion, PMCO-Mark ensures clear, resilient markings that enhance safety and efficiency, making it the ideal choice for modern road infrastructure.

## **Product Features:**

- ✓ Unmatched Durability
- ✓ Superior Adhesion
- ✓ Long-Lasting Protection
- ✓ High-Visibility Colors
- ✓ Enhanced Safety
- ✓ Weather-Resistant
- ✓ Fast-Drying
- ✓ Advanced UV Shield
- ✓ Eco-Friendly Innovation
- ✓ Maximum Performance

# How PMCO-Mark System Works

PMCO-Mark is a three-layer system, providing unmatched durability and functionality:

## 1. Base Layer (PMCO-OL)

Compliance Standards:

EN 12190, EN 1542, ANSI 118.4, EN 12808-2

- Polymer-modified micro-cementitious overlay mixed with PMCO-AC.
- Protects asphalt/concrete from sunlight, water, and stress.
- Reduces surface temperature by 10–15°C.
- Withstands temperatures >150°C and ensures excellent adhesion to various surfaces.
- Provides a high road friction value >75 PTV.



## 2. Color Layer (PMCO-CR)

Compliance Standards:

ASTM D445, D2196, D1475, D792, D1639

- Chlorinated rubber layer with fibers and fine aggregates, providing high-friction and durable road markings.
- Offers excellent adhesion, flexibility, and resistance to UV, abrasion, and chemicals.
- Retains vivid colors and is compatible with glass beads for nighttime visibility.
- Dries within 10–30 minutes, making it ideal for highways and urban areas.



Coarse

Medium

Fine



## 3. Sealer Layer (PMCO-CT)

Compliance Standards :

ASTM D2834, D1293, D1475, D2196, D1356

- Acrylic polymer designed to protect color and enhance durability.
- UV-resistant, prevents fading and chalking.
- Shields against traffic wear, chemicals, and extreme weather conditions.
- Provides a clear finish, preserving the base color.





# Benefits of PMCO-Mark

## 1. PMCO-OL (Base Layer)

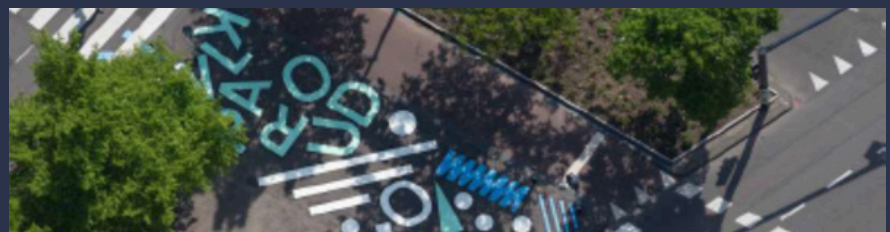
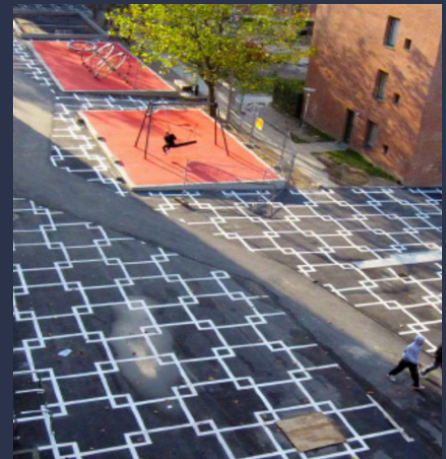
- Exceptional adhesion to various surfaces.
- Resistant to water, UV radiation, chemicals, and stains.
- High compression, tensile, and abrasion strength.
- Withstands temperatures  $>150^{\circ}\text{C}$ .
- Reduces road temperature by  $12\text{--}15^{\circ}\text{C}$ .

## 2. PMCO-CR (Color Layer)

- Durable and flexible, resistant to wear, cracking, and UV rays.
- Enhances skid resistance and provides chemical protection.
- Maintains vibrant colors even under heavy traffic conditions.

## 3. PMCO-CT (Sealer Layer)

- Adds UV and weather resistance.
- Enhances durability and aesthetic appeal with a glossy finish.



## Applications:

- **Lane markings**, centerlines, and edge lines for traffic management.
- **Pedestrian crosswalks** and stop lines for improved safety.
- **Dedicated lanes** for buses, bicycles, and parking zones.
- **Warning and directional markings** at intersections.
- **Temporary construction zone markings**.
- **Runway and taxiway markings** in airports.
- **Decorative road markings** for logos and aesthetic enhancements.
- **Marine and offshore rig markings**.



## How to Apply

To apply the PMCO-Mark system:

1. Apply PMCO-OL (Base Layer) using a roller, brush, or spray to ensure strong adhesion and surface protection.
2. Apply PMCO-CR (Color Layer) using the same tools, ensuring even coverage and high friction.
3. Seal with PMCO-CT (Sealer Layer) for UV, abrasion, and chemical resistance.

*\*Refer to the technical data sheet (TDS) for each product for further details.*



## PMCO-Mark Product Yield

1. PMCO-OL (1mm Thick) → 15m<sup>2</sup> per 25kg bag.
2. PMCO-CR (300–500µm Thick) → 50m<sup>2</sup> per 22kg pail.
3. PMCO-CT (100–150µm Thick) → 150m<sup>2</sup> per 15kg pail.

The yield estimates are based on controlled laboratory conditions and are approximate. **Contractors must verify actual yield on-site based on specific site conditions.**

