



Watch out!

Potholes are more than just bumps in the road. They're a danger zone for your safety.

PMCO-PH

Introduction

Revolutionizing road maintenance, **Arabian Road Technology (ART)** Dubai-UAE, specializes in the rapid repair of potholes on both asphalt and concrete roads. Our innovative, **bitumen-free treatment** offers a simple and fast application process, ensuring economic efficiency without compromising quality, delivering five times the strength of traditional asphalt. With a focus on lasting solutions, we endorse results that withstand the test of time, ensuring safer and smoother streets for all.

Description

PMCO-PH is a 'ready to use Pre-blended' screed containing hydraulic binders, specially graded aggregates, high organic polymer content additives and fibers. Designed for thick bed performance from 1 mm to 100 mm.

PMCO-PH (Polymer modified, Fiber Reinforced Premium Quality Micro Concrete for 1 mm to 100 mm Screed) Is the perfect choice for a perfect job that requires a structurally sound substrate to fill Potholes in asphalt /concrete roads levels from 1 mm to 100 mm thickness in one application. It can be used in roads, industrial and commercial buildings.

Advantages

PMCO-PH carries several advantages:

1. Premixed offering factory-controlled quality assurance.
2. High Compressive & Flexural Strengths.
3. Quick application and finishing, results in considerable time savings.
4. High Bond Strength.
5. Fiber Reinforced.
6. Controlled Shrinkage.
7. Mortar Bed Thickness from 1 mm to 100 mm.





**Fast, Durable,
Lasting Strength**

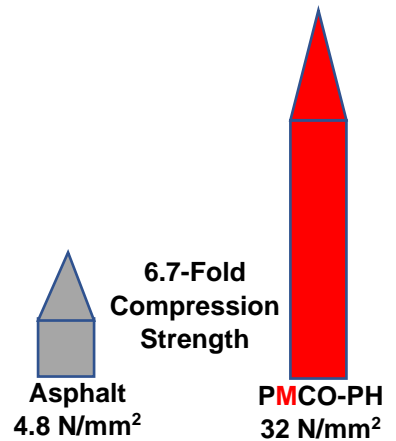


**Pothole Repair with
Bitumen-Free Solutions!**

PMCO-PH

Typical Properties

- Appearance: Coarse Grey Powder
- Water Ratio: 2.75 to 3.0 Liter / 25 kg bag.
- Powder density: 1600 kg/m³
- Working Time @ 20C: Up to 60 minutes
- Bed Thickness: 10 to 100 mm
- Compressive Strength: @ 7 Days > 18 N/mm² @ 28 Days > 32 N/mm²
- Max Aggregate Size: 6 mm
- Coverage: 25 kg / yield 1.5 m² per 10 mm layer thickness
- Wet density: 2000 kg/m³
- Fire Resistance: E (DIN 13813)
- Ready to Use: 3 to 4 hours @ 25C
- Flexural Strength: @ 7 Days > 4 N/mm² @ 28 Days > 6 N/mm²



Surface Preparation

The surface should be free from laitance, dust, oil and grease etc. Concrete surface must be structurally sound, clean & free of loose or deteriorated concrete particles that could impair adhesion. Apply **PMCO-Bond** prior to **PMCO-PH** application.

Pack Size

25 kg bags

Mixing

Pour 2.75 to 3.00 liters of cold water into a clean rotating mixer. Gradually add full bag of **PMCO-PH**, stir until lumps free smooth mortar is obtained.

Shelf Life & Storage

Twelve months if stored properly in original unopened packing in dry, cool, ventilated conditions away from direct sunlight.

Quality & Care

All the products manufactured and originated from **ART**, UAE facility is independently tested and certified under **ART** Management System to conform to the requirements of quality, environmental, health & safety Standards.

