



# MCHB 101

Two-component, heavy-duty, coal tar-based PU coating for steel and concrete

Pack Size  
30Kgs

## TDS Technical Data Sheet



### Description

MCHB 101 is a two-component polyurethane system that includes special coal tar pitch as a key ingredient. It is designed as an anticorrosive coating for steel pipelines, structures, and other steel and concrete surfaces that are exposed to severe salt corrosion.

### Characteristics

Color:	Black / Tan / Light Grey
Pot Life:	Approximately 10-15 minutes, depending on climatic conditions and the mass of the mix
Dry Film Thickness (DFT)	: 100 microns in one coat
Drying Time:	Surface Dry - 25 minutes, Hard Dry - 60 minutes
Adhesion to Concrete:	Surface failure
Mixing Ratio:	As specified on the container
Theoretical Coverage:	3 m <sup>2</sup> /L on a properly cleaned surface
Coating Interval:	Minimum 50 minutes, Maximum 24 hours
Finish:	Glossy to bright matte
Hardness (Shore A)	: > 90
Adhesion to Steel	: Excellent

### Application

MCHB 101 is suitable for structures in marine atmospheres and can be used as a UV-resistant top coat over epoxy systems.

### Advantages

MCHB 101 offers excellent UV resistance. The product provides excellent adhesion on epoxy, steel, and concrete surfaces.

## Application Methodology

**Surface Preparation:** Clean the surface using a metal brush or shot blasting to remove rust, oil, and other contaminants. **Mixing:** Stir each component separately using a hand drill-type stirrer before mixing them together. Allow the mixture to sit for 5 minutes before application to allow any air bubbles to subside. **Application:** Apply MCHB 101 with a brush or spray. For spray applications, a plural spray system is recommended.

## Health & Safety

Avoid contact with skin and eyes.

Avoid swallowing the product.

Ensure adequate ventilation.

Avoid inhalation of vapors.

Wear suitable protective clothing, gloves, and eye protection.

In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvents to clean the contacted area.

In case of eye contact, wash with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately. Do not induce vomiting.

## Packing

MCHB 101 is available in 20 L unit packs.

## Storage

Keep in a cool and dry place under the shed, away from heat.

## Pack Size

30Kgs



## 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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