



# POLYTOP MIO

## General Description:

POLYTOP MIO is a two pack PU topcoat based on saturated polyester and polyfunctional isocyanate with micaceous iron oxide. It is developed as anti – corrosive topcoat for the maintenance of steel structure subjected to industrial and marine environment.

## Advantages:

- Anti – corrosion properties
- Optimum adhesion
- Excellent weather resistance.
- Excellent carbon dioxide barrier.
- Abrasion resistant.
- Chalking reduction.

## Characteristics and Physical Properties:

Color	Silver Grey
Specific Gravity	1.07
Flash Point	20°C
Volume Solids	59%
Gloss	Glossy
Application Condition Air Temperature Relative Humidity	5 ~ 35°C. max 85%.
Application Method	Brush, Conventional Spray or Airless Spray.
<b>Spray Data</b>	
<b>Conventional Spray</b>	
Nozzle Orifice	2 – 3 mm.
Nozzle Pressure	43 – 57 psi.
Dilution	5 – 10%
Thinner	# 105
<b>Airless</b>	
Nozzle Orifice	0.38 - 0.46 mm.
Nozzle Pressure	1138 – 1710 psi.
Dilution	0 – 5%
Thinner	# 105
Mixing / Dilution (Ratio)	Base Hardener Thinner 100% 50% 0–10%
Pot Life	6 – 8 hrs.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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## Drying Time @ 25°C

Dust Free	- 20 – 35 min.
To Touch	- 35 – 45 min.
To Recoat	- 2 – 3 hrs.
Hard	- 24 - 36

## Recommended Application:

Epoprime Basecoat	- 1 coat @ 50 microns.
POLYTOP MIO	- 1 coat @ 75 microns.
Epobuild Primer ZP	- 1 coat @ 50 microns.
POLYTOP MIO	- 1 coat @ 75 microns.

## Surface Preparation:

Surface should be preferably dry. It must be free from oil, grease, loose particles and decayed matter, moss and algae growth.

## Storage:

The product must be stored in accordance with national regulations. Store in cool dry place and shelf life of 12 months in an unopened container. Keep away from sources of heat on naked flames.

## Cleaning of Tools:

All tools should be cleaned with Wash Thinner or PU Thinner # 105 as soon as possible.

## Packing:

Available in 1Usg.and 20 lit Pail.

## Physiological Hazards:

### Health and Safety:

- POLYTOP MIO should not come in contact with skin and eyes or be swallowed. Avoid prolonged inhalation of vapors.
- Gloves, goggles and barrier creams should be used. Ensure adequate ventilation in working areas is highly recommended.
- If contact with skin occurs, wash well with soap and water. Splashes to eyes should be washed with fresh water and seek immediate medical advise.