MC-Ferrox A 100
topcoat

WASSER®
ADVANCED COATINGS TECHNOLOGY

Product Description

MC-Ferrox A 100 is a micaceous iron oxide (MIO) enriched, aliphatic single component moisture cure urethane topcoat. It offers the best possible resistance to UV, weathering and abrasion. The addition of MIO also provides film reinforcement, enhanced adhesion properties and additional barrier protection to the applied coating system. MC-Ferrox A 100 is the topcoat of choice for extended life cycle considerations and consistent aesthetic stability, even in harsh environments.

Product Features

- Meets SSPC Paint 38
- Nepcoat List-B
- Single Component Moisture Cure Urethane
- No mixing errors – no pot life
- Easy to apply by brush, roller, mitt or spray methods
- Micaceous iron oxide (MIO), maintains build on edges, threads, and weld seams
- VOC compliant at less than 100 g/l
- Impact and abrasion resistant
- Resistant to UV and weathering
- Can be applied at 99% relative humidity (substrate must be visibly dry)
- No dew point restrictions (substrate must be visibly dry)
- Can be applied in below freezing temperatures (no ice or frost)
- Compatible with PURQuik® Accelerator for faster re-coat and cure times
- Color matching service is available to support your needs

Area of Use

Substrates

Over properly prepared:

- Galvanized Metal
- Metallized
- Aluminum/Non-Ferrous Metal
- Previously Existing Coatings
- Concrete

Possible Uses

- Water and Wastewater Treatment Facilities
- Pulp and Paper Mills
- Tank Exteriors
- Hydro-power Facilities and Penstocks
- Marine/Port Facilities
- Offshore Platforms
- Highway Barriers/ Sound Walls
- Chemical Processing Facilities
- Refineries
- Floors
- Structural Steel
- Work Boats
- Bridges

Ready Reference Information

Resin Type: Single Component Moisture Cure Aliphatic Urethane

Pigment Type: Micaceous Iron Oxide depending on color and gloss

Sheen: Matte Finish

Colors: Standard and various colors See color chart.

Volume Solids: 63.0% ± 3.0

VOC: <0.8 lb/gal (100 g/l)
(Volatile Organic Content)

Theoretical Coverage:
At 1 mil DFT: 1010 ft^2/gal
At 25 micron DFT: 24.7 m^2/l

Recommended Film Thickness:
Wet: 3.1-6.3 mils (71-142 µm)
Dry: 2.0-4.0 mils (51-102 µm)

Recommended Coverage Per Coat:
252 ft^2/gal at 4.0 mils DFT – 505 ft^2/gal at 2.0 mils DFT
(6.2 m^2/l at 102 µm DFT – 12.3 m^2/l at 51 µm DFT)

Thinning: MC-Thinner, MC-Thinner 100, MC-Thinner XMT
Clean Up: MC-Thinner, MC-Thinner 100, MC-Thinner XMT

*At 50% Humidity	50°F/10°C		75°F/24°C		95°F/35°C	
	Without PURQuik®	With PURQuik®	Without PURQuik®	With PURQuik®	Without PURQuik®	With PURQuik®
Tack Free	3 hours	--	1.5 hours	--	45 minutes	--
Re-coat Minimum[1]	10 hours	1 hour	8 hours	30 minutes	6 hours	20 minutes
Full Cure	10 days	7 days	7 days	5 days	5 days	4 days

**Humidity, temperature and coating thickness will affect re-coat and curing times. [1]On clean surface, re-coat within 48 hours. After 48 hours, do a test patch. Surface may require light sanding to provide sufficient anchor profile. Refer to Wasser's PURQuik® Accelerator Product Data for additional information.*