

MC-Bed Liner

specialty

WASSER
ADVANCED COATINGS TECHNOLOGY

Product Description

Wasser Bed Liner is a one component high solid elastomeric aromatic moisture cure polyurethane for exterior and interior use. It contains rubber granules which provide a tough anti-skid surface.

Product Features

- Single component Moisture Cure Urethane
- No mixing errors – no pot life
- Easy to apply by brush, roller or texture spray methods
- Rubber is added, simply mix and apply
- Impact and Abrasion Resistant
- Versatile topcoat for various substrates
- Can be applied at 99% relative humidity (substrate must be visibly dry)
- Can be applied in below freezing temperatures (no ice or frost)
- No dew point restrictions (substrate must be visibly dry)
- Compatible with PURQuik® Accelerator for faster re-coat and cure times

Area of Use

Substrates

Over properly prepared:

- Ferrous Metal
- Galvanized Metal
- Aluminum/Non-Ferrous Metal
- Concrete
- Concrete Block

Possible Uses

- Truck bed liner
- Pedestrian walk way
- Pleasure boats
- Wood and metal steps
- Floors

Ready Reference Information

Resin Type: Single component Moisture Cure Aromatic Urethane

Colors: Black

Volume Solids: 64.0% ± 3.0

VOC: <2.5 lb/gal (300g/l)
(Volatile Organic Content)

Recommended Film Thickness:
Rubber aggregate varies film builds significantly

Recommended Coverage Per Coat:
MC-Bed Liner
50 ft²/gal - 80 ft²/gal
(1.23 m²/l - 1.96 m²/l)

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 hour	2 hours	30 minutes	1 hour	20 minutes
Re-coat Minimum¹	8 hours	2 hours	6 hours	1 hour	4 hours	45 minutes
Full Cure	10 days	7 days	7 days	5 days	5 days	4 days

¹Humidity, temperature and coating thickness will affect re-coat and curing times. ¹Re-coat within 48 hours. After 48 hours, solvent cleaning is required as per SSPC SP-1. Contact Wasser representative. Refer to Wasser's PURQuik® Accelerator Product Data for additional information.

Ver. 18.01.11 A

Recommended Systems

Ferrous Metals:

1st Coat: MC-Zinc 100	3.0-5.0 mils DFT
2nd Coat: MC-Ferrox B 100	3.0-5.0 mils DFT
3rd Coat: MC-Bed Liner	

1st Coat: MC-Zinc 100	3.0-5.0 mils DFT
2nd Coat: MC-Tar 100	5.0-7.0 mils DFT
3rd Coat: MC-Bed Liner	

Ferrous Metals

(Overcoat):

1st Coat: MC-Miozinc 100 (Spot Prime)	3.0-5.0 mils DFT
2nd Coat: MC-Ferrox B 100	3.0-5.0 mils DFT
3rd Coat: MC-Bed Liner	

1st Coat: MC-Miozinc 100 (Spot Prime)	3.0-5.0 mils DFT
2nd Coat: MC-Universal 100	4.0-5.5 mils DFT
3rd Coat: MC-Bed Liner	

Aluminum/Non-Ferrous Metals/ Galvanized Metal:

1st Coat: MC-Universal 100	4.0-5.5 mils DFT
2nd Coat: MC-Bed Liner	

Concrete *

(Interior/Exterior):

1st Coat: MC-Universal 100	4.0-5.5 mils DFT
2nd Coat: MC-Bed Liner	

*Prime coat for concrete may be reduced up to 25% to facilitate coating penetration. Subsequent coating applications may be reduced as necessary up to 15%. Thin in accordance with local and federal regulations. Do not use Purquik Accelerator when priming concrete.

Other Systems are available. Contact your Wasser Representative to answer any questions.

Compatible Coatings

Primers:

MC-Zinc 100
MC-Universal 100
MC-Miozinc 100
MC-Prepbond 100

Intermediates:

MC-Ferrox B 100
MC-Miomastic 100
MC-CR 100

Topcoats:

MC-Ferrox A 100
MC-Luster 100
MC-Shieldcoat 100

Coating Accelerator
PURQuik® Accelerator

Surface Preparation

Ferrous Metal

Use SSPC-SP1 solvent cleaning to remove oil and grease or other contaminants prior to employing surface preparation methods.

Blast clean surfaces for severe or immersion service projects to SSPC-SP10/NACE No. 2 Near White Metal finish. Prepare surfaces for atmospheric service projects to SSPC-SP6/NACE No. 3 Commercial Blast Clean finish. For minimum surface preparation use conscientious SSPC-SP2 hand tool cleaning or SSPC-SP3 power tool cleaning methods to remove corrosion and loose or failing paint (feather edges of sound, existing paint back to a firm edge).

High Pressure Water Cleaning SSPC-SP12/NACE No.5 to a minimum WJ3/NV2 may also be used to prepare ferrous metal surfaces for atmospheric service projects. Surface preparation methods should produce a surface profile of 1.5 - 3.5 mils (38.1-88.9 µms).

Aluminum/Galvanized/Non-Ferrous Metals

Prepare surfaces using SSPC-SP1 Solvent Cleaning and SSPC-SP12/NACE No. 5 Low Pressure Water Cleaning methods to remove surface contamination. Supplement weathered galvanized surface preparation with SSPC-SP2 and SP3 Hand and Power Tool cleaning to remove excessive corrosion and impart surface profile on bare metal. Supplement new galvanized surface cleaning with SSPC-SP16 to impart surface profile and support mechanical adhesion.

Concrete/Concrete Block

The surface must be dry, free of surface contaminants, and in sound condition. Grease, and oil should be removed by ASTM D4258-83 (Re-approved 1999) and release agents should be removed by ASTM D4259 - 88 (Re-approved 1999). Refer to SSPC-SP13/NACE No 6 Mechanical or Chemical Surface Preparation methods for preparing concrete to suitable cleanliness for intended service. Surface preparation methods should impart sufficient surface profile for mechanical adhesion to occur. Ensure surface is thoroughly rinsed and dry prior to coating application. For atmospheric service allow a minimum 7 days cure time for new concrete and 14 days for immersion service prior to preparation and application.

Good Practices

MC-Bed Liner is designed for application to a variety of substrates and coatings. Apply a test sample to a small area to determine coating adhesion and/or compatibility. Prime any areas cleaned to bare metal with a Wasser recommended primer and coating system.

The surface to be coated must be dry, clean, dull, and free from dirt, grease, oil, rust, mill scale, salts or any other surface contaminants that interfere with adhesion.

Ensure welds, repair areas, joints, and surface defects exposed by surface preparation are properly cleaned and treated prior to coating application.

Consult the referenced standards, SSPC-PA1 and your Wasser Representative for additional information or recommendations.

Application Information

MC-Bed Liner can be applied by brush, Bed Liner roller, textured spray methods. Follow proper mixing instructions before applying.

Mixing:

Material temperature must be 5° F above the dew point before opening and agitating.
Power mix thoroughly prior to application.
Do not keep under constant agitation.
Apply a 3-6 oz solvent float over material to prevent moisture intrusion and cover pail.

Reducer:

MC-Thinner, MC-Thinner 100, (if VOC regulations restrict thinning, use MC-Thinner XMT). Thin up to 20% with recommended thinner. Thin in accordance with local and federal regulatory standards.

Texture Spray:

Reduction: Reduce 20% with MC-Thinner, MC-Thinner 100 or MC-Thinner XMT.

Clean up:

MC-Thinner, MC-Thinner 100. If Wasser thinners are not available, use MEK, MIBK, Xylene, a 50:50 blend of Xylene and MEK or MIBK, or acetone for clean up only. Do not add unauthorized solvents to Wasser coatings.

Brush/Roller:

Brush: Natural Fiber
Roller: Bed Liner roller
Reduction: Reduce with 15% with MC-Thinner, MC-Thinner 100 or MC-Thinner XMT.

Application Conditions

Temperature: 20°- 100° F (-8°- 38° C). This temperature range should be achieved for ambient, surface and material temperature. Substrate must be visibly dry and frost free. On applications below 33° F (0.5° C), Steel temperatures should be 5°F above the dew point temperature. MC-Thinner 100 is recommended for spray application in temperatures above 90° F.

Relative Humidity: 6% - 99%.

Coating Accelerator: PURQuik® Accelerator. See Wasser's PURQuik® Accelerator Product Data for information.

Storage: Store off the ground in a dry, protected area in temperature between 40°-100°F (4°-38°C). MCU containers must be kept sealed when not in use. Use a solvent float to reseal partial containers.

Performance Testing Data

**Contact Wasser Corporation for detailed testing of this product.*

Ordering Information

Product Numbers: W9001.0

Package Size: 1 gallon and 5 gallon

Shelf Life: 12 months from date of shipment when stored unopened at 75°F (24°C).

Shipping Information

Flash Point:	86°F (30°C)
Weight:	8.35 - 9.18 lbs/gal (1.00 - 1.10kg/l)
DOT HAZARD CLASS	3
DOT PACKAGING GROUP	III
DOT LABEL	FLAMMABLE LIQUID
DOT SHIPPING NAME	PAINT
DOT PLACARD	FLAMMABLE LIQUID
UN/NA NUMBER	1263

Safety Precautions

DANGER!

Intended for professional use only. Obtain and Read Wasser's Safety Data Sheet for this before using.

Adequate Ventilation. Do not breathe dust, vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Keep away from heat, sparks and flame. Vapor may cause flash fire.

KEEP OUT OF REACH OF CHILDREN

FIRST AID: If affected by inhalation of vapor or spray mist, remove to fresh air. If breathing difficulty persists or occurs later, consult a physician and have label information available. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately. Wash clothing before reuse.

Thoroughly clean or destroy contaminated shoes.

Keep container closed when not in use. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

Obtain and Read Wasser's Safety Data Sheet for this before using.

INTENDED FOR PROFESSIONAL USE ONLY.

Note: Ingredients and VOC may vary for products with catalysts, tint bases, and other colors.

Wasser Corporation's liability on any claim of any kind, including claims based upon Wasser Corporation's negligence or strict liability, for any loss or damage arising out of, connected with or resulting from the use of the Products, shall in no case exceed the purchase price allowable for the Products or part thereof that give rise to the claim. In no event shall Wasser Corporation be liable for consequential or incidental damages. Published Product Data Sheets are subject to change without notice.

Contact your Wasser Representative or the Wasser website for the most current Product Data Sheets.