

specialty MC-TruGrip 100 MC-TruGrip Micro 100

WASSER
ADVANCED COATINGS TECHNOLOGY

Product Description

MC-TruGrip 100 is a single component anti-slip coating with glass aggregate in the material to give excellent resistance to slippage. Its unique moisture cure urethane properties provide a strong surface for harsh environments. MC-TruGrip 100 is designed for single coat applications over recommended primers on a variety of surfaces.

MC-TruGrip 100 contains angular-shaped glass aggregate (1000-1400 microns in size).

MC-TruGrip Micro 100 contains spherical-shaped glass aggregate (300-425 microns in size).

Product Features

- Single component Moisture Cure Urethane
- No mixing errors – no pot life
- Glass particulate is added, simply mix and apply
- Easy to apply by roller, trowel, texture spray application or by brush for touch up
- Durable, slip-resistant coating
- Low VOC
- Large surface profile
- 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)
- No outer re-coat window on clean surfaces
- 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
- Previously Existing Coatings

Possible Uses

- Bridge Decks
- Marine/Port Facilities
- Offshore Platforms
- Helipads
- Ship Decking

Ready Reference Information

Resin Type: Single Component Moisture Cure Aliphatic Urethane

Pigment Type: Coloring

Sheen: Semi-Gloss

Colors: Standard and various colors

Volume Solids: 68.0% ± 2.0

VOC: <0.83 lb/gal (100g/l)
(Volatile Organic Content)

Recommended Film Thickness:
Glass aggregate varies film builds significantly

Recommended Coverage Per Coat:

MC-TruGrip 100

Approximately 30 ft²/gal - 60 ft²/gal
(0.74 m²/l - 1.47 m²/l)

MC-TruGrip Micro 100

Approximately 120 ft²/gal - 140 ft²/gal
(2.95 m²/l - 3.44 m²/l)

Thinning: Not Recommended

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	8 hours	4 hours	4 hours	2 hours	2 hours	1 hour
Re-coat Minimum¹	4 days	48 hours	48 hours	24 hours	24 hours	12 hours
Full Cure	10 days	7 days	7 days	5 days	5 days	4 days

^AHumidity, temperature and coating thickness will affect re-coat and curing times. ¹No outer recoat window on clean surfaces. Refer to Wasser's PURQuik® Accelerator Product Data for additional information.

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Recommended Systems

Ferrous Metals (Atmospheric/Severe Exposure):

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-TruGrip 100
or MC-TruGrip Micro 100

1st Coat: MC-Miozinc 100 3.0-5.0 mils DFT
2nd Coat: MC-Ferrox B 100 3.0-5.0 mils DFT
3rd Coat: MC-TruGrip 100
or MC-TruGrip Micro 100

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-TruGrip 100
or MC-TruGrip Micro 100

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-TruGrip 100
or MC-TruGrip Micro 100

1st Coat: MC-Miozinc100 (Spot Prime) 3.0-5.0 mils DFT
2nd Coat: MC-Miomastic 100 3.0-5.0 mils DFT
3rd Coat: MC-TruGrip 100
or MC-TruGrip Micro 100

Aluminum/Non-Ferrous Metals/ Galvanized Metal:

1st Coat: MC-Universal 100 3.0-4.0 mils DFT
2nd Coat: MC-TruGrip 100
or MC-TruGrip Micro 100

1st Coat: MC-Ferrox B 100 3.0-5.0 mils DFT
2nd Coat: MC-TruGrip 100
or MC-TruGrip Micro 100

Concrete¹ (Interior/Exterior):

1st Coat: MC-Universal 100 3.0-4.0 mils DFT
2nd Coat: MC-TruGrip 100
or MC-TruGrip Micro 100

¹Prime coat for concrete may be reduced up to 25% to facilitate coating penetration. Subsequent coating applications may be reduced as necessary up to 10%. 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-Miozinc 100
MC-Prepbond 100
MC-Universal100
MC-Ferrox B 100
MC-Tar 100

Intermediates:

MC-Ferrox B 100
MC-Miomastic 100
MC-Universal 100

Topcoats:

MC-Luster 100
MC-Shieldcoat
MC-Ferrox A 100
MC-Tar 100
MC-BallastCoat 100

Coating Accelerator

PURQuik® Accelerator

Surface Preparation

Ferrous Metal

Use SSPC-SP1 solvent cleaning to remove contaminants prior to employing surface preparation methods.

Prepare surfaces for non-immersion or atmospheric service projects to SSPC-SP6/NACE No. 3 Commercial Blast Clean finish. For minimum surface preparation use conscientious power tool cleaning methods in accordance with SSPC-SP3 to remove corrosion and loose or failing paint (feather edges of sound, existing paint back to a firm edge). For immersion or severe service, apply over a Wasser recommended primer. Refer to Primer Product Data for surface preparation information. Not recommended direct to metal in immersion.

Blast cleaning methods should produce a surface profile of 1.0 -2.0 mils (25-51 µm).

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 3 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. Allow a minimum 7 - 14 days cure time for new concrete prior to preparation and application.

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Surface Preparation (con't)

Previously Existing Coatings

Prepare surfaces using SSPC-SP12/NACE No. 5 Low Pressure Water Cleaning methods to remove surface contamination. Supplement SSPC-SP 12 LPWC with SSPC-SP1 Solvent Cleaning and SSPC-SP2 and 3 Hand and Power Tool clean areas of corrosion and loose or

flaking paint (feather edges of sound, existing paint back to a firm edge). Spot prime clean, bare metal with Wasser recommended primer for maximum system performance. Sand glossy surfaces to provide profile.

Application Information

MC-TruGrip 100 or MC-TruGrip Micro 100 can be applied using a roller, trowel, texture spray method or by brush for touch up. Follow proper mixing instructions before applying.

Mixing:

Material temperature must be 5° F above the dew point before opening and agitating. Use a power mixer to slowly and thoroughly incorporate aggregate prior to application. Use constant, slow agitation only as necessary to maintain aggregate dispersion. Apply a 3-6 oz solvent float over material to prevent moisture intrusion and cover pail.

Brush/Trowel:

Brush: Natural or synthetic short hair, stiff bristle
Trowel: Flexible plastic

Texture Spray:

Use minimum atomizing air pressure. Use constant, slow agitation only as necessary.
Reduction: Not Recommended. Consult Wasser for spray application recommendations in ambient and surface temperature above 90°F.

Reduction: Not Recommended.

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 a Wasser coating.

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. 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.

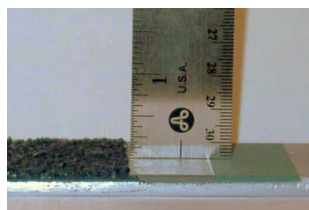
Storage: Store off the ground in a dry, protected area in temperature between 40°-100°F (4°-38°C). MCU containers must be kept sealed when not in use. Use a solvent float to reseal partial containers.

Anti-Slip Protection

A coating solution with all of the great characteristics of Wasser's single component, proprietary urethane technology pre-mixed with glass aggregate for anti-slip protection. It offers a large surface profile and aliphatic resin top-coat protection.



*System shown: MC-Miozinc/
MC-Ferrox B/MC-TruGrip 100

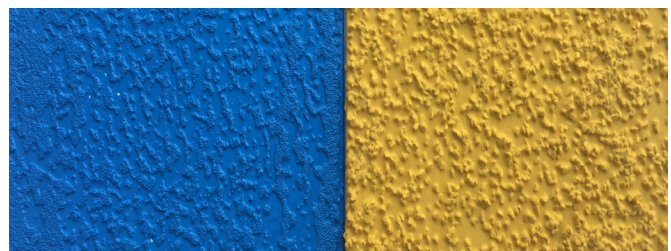


*System shown:
MC-Miozinc/MC-Ferrox B/
MC-TruGrip 100

MC-TruGrip 100/MC-TruGrip Micro 100

Provides a coating of form and function that has reliable, anti-slip properties, the durability of a urethane and moisture cure coating's flexible application parameters.

Another Wasser solution designed for protecting traffic areas in demanding environments.



MC-TruGrip Micro 100

MC-TruGrip 100

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Certifications and Qualifications

VOC Compliant (National Standards – Industrial Maintenance Coating, and Concrete Protective Coating)

Performance Testing Data

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

Ordering Information

Product Numbers: W371.xxx

Package Size: 1 gallon and 5 gallon pails

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

Shipping Information

Flash Point:	91°F (32.7°C)
Weight:	14.2 ± 1.0 lbs
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.