

MCU Anti-Slip Coating

Product Description

Revision Date 043004

MC-TruGrip 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 is designed for single coat applications over recommended primers on a variety of surfaces.

Area of Use

Substrates

Over properly prepared:

Ferrous Metal
Galvanized Metal
Aluminum/Non-Ferrous Metals
Previously Existing Coatings

Concrete

Possible Uses

Bridge Decks
Marine/Port Facilities
Helipads

Ship Decking
Offshore Platforms

Ready Reference Information

Resin Type: Aliphatic Urethane

Pigment Type: Coloring

Sheen: Semi-Gloss

Colors*: Grey

*Consult Wasser for additional colors

Volume Solids: 68.0% ± 2.0

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

Recommended Film Thickness

Glass aggregate varies film builds significantly

Recommended Coverage per coat:

Approximately 15 ft²/gal - 20 ft²/gal
(.36 m²/l - .49 m²/l)

Thinning: Not Recommended

Clean up: MC-Thinner, or MC-Thinner 100

Drying Times and Temperatures

*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 hr	4 hrs	4 hrs	2 hrs	2 hrs	1 hr
Recoat Minimum ¹	4 days	48 hrs	48 hrs	24 hrs	24hrs	12 hrs
Full Cure	10 days	7 days	7 days	5 days	5 days	4 days

Refer to Wasser's PURQuik® Accelerator Product Data for additional information

*Humidity, temperature and coating thickness will affect recoat and curing times

1. No outer recoat window on clean surfaces.

Product Features

Single Component Moisture Cure Urethane

Low VOC

No Dew Point Restrictions
(Substrate must be visibly dry)

Glass particulate is added, simply mix and apply

Durable, slip-resistant coating

No Pot Life

Large surface profile

No outer recoat window on clean surfaces

Easy to apply by brush, flexible trowel, or texture spray application

Can be applied at 99% humidity

Can be applied in below freezing temperatures (no ice or frost)

Compatible with PURQuik® Accelerator for faster recoat and cure times.

MC-TruGrip

Recommended Systems

Marine Exposure Non-Immersion

Ferrous Metals (New Construction / Full Removal):

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

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

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

Ferrous Metals (Overcoat):

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

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

Aluminum/Non-Ferrous Metals/ Galvanized Metal:

1 st Coat: MC-CR	3.0-4.0 mils DFT
2 nd Coat: MC-TruGrip	

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

Concrete¹ (Interior/Exterior):

1 st Coat: MC-CR	3.0-4.0 mils DFT
2 nd Coat: MC-TruGrip	

1. Prime coat for concrete may be reduced up to 25% to facilitate coating penetration. Thin in accordance with local and federal regulations.

Recommended Coverage per coat:

Approximately 15 ft²/gal - 20 ft²/gal
(.36 m²/l - .49 m²/l)

Note: Use over recommended primers or intermediates.

***Other Systems are available and appropriate. Contact your Wasser Representative for any questions.**

Performance Testing Data

Dry Heat Resistance:

Continuous: 285°F (141°C)

*Contact Wasser High-Tech Coatings for detailed testing of this product

Compatible Coatings

Ferrous Metal Primers: MC-Zinc
MC-Miozinc
MC-Tar (Non-immersion)

Galvanized Metal Primers: MC-Prepbond
MC-Zinc
MC-Miozinc
MC-Ferrox B
MC-CR
MC-Tar

Non-Ferrous Metal Primers: MC-Prepbond
MC-Ferrox B
MC-Miomastic
MC-CR
MC-Tar

Ferrous Metal Intermediates: MC-Ferrox B
MC-Miomastic
MC-CR

Alternative Finish Topcoats: MC-Luster
MC-Shieldcoat
MC-Ferrox A
MC-Tar
MC-BallastCoat
MC-Aroshield (Interior)

Coating Accelerator: PURQuik® Accelerator

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Surface Preparation

All Substrates

Apply MC-TruGrip to clean, dry, Wasser recommended primers. Refer to recommended primer Product Data for surface preparation details.

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.

Consult your Wasser Representative for additional information or recommendations.

Application Information

MC-TruGrip can be applied using brush, flexible trowel, and texture spray methods. 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

Reduction: Not Recommended.

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.

Reducer: 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. Consult Wasser for recommendations when applying in higher ambient and surface temperature or direct sunlight conditions.

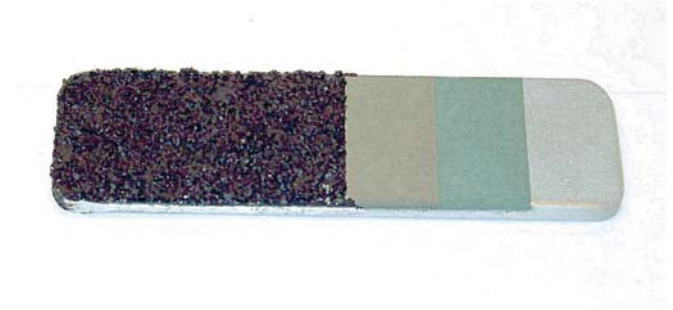
Relative Humidity: 6%-99%

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.

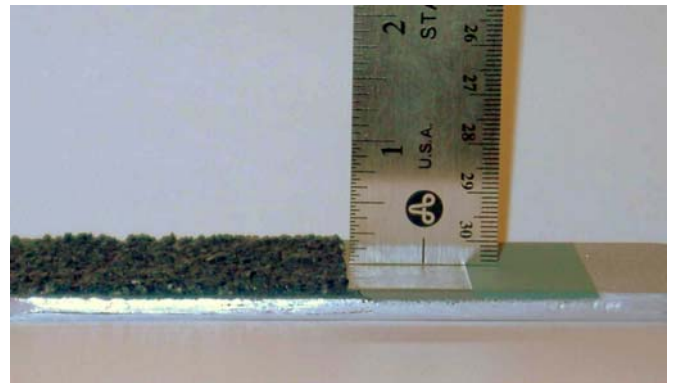
Anti-Slip Protection

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.



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

It offers a large surface profile and aliphatic resin topcoat protection.



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

MC-TruGrip is 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.

Certifications and Qualifications

Revision Date 043004

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

MC-TruGrip coatings are under GSA contract (Consult Wasser for NSN reference)

Complies with CGSB 1GP200 non-slip deck coating specification

Ordering Information

Product Numbers: W37.0600 Grey

Consult Wasser for additional Colors

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

W37.0600

Flash Point: 91°F (32.7°C)

Weight/gallon: 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!

VAPOR AND SPRAY MIST HARMFUL. OVEREXPOSURE MAY CAUSE LUNG DAMAGE. MAY CAUSE ALLERGIC SKIN AND RESPIRATORY REACTION, EFFECTS MAY BE PERMANENT, MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS HEADACHE OR NAUSEA. CAUSES EYE, SKIN, NOSE AND THROAT IRRITATION. FLAMMABLE LIQUID AND VAPOR.

CONTAINS: Xylene, Ethylbenzene, Methyl-n-Amyl Ketone, Homopolymer HDI

NOTICE: Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. INDIVIDUALS WITH LUNG OR BREATHING PROBLEMS OR PRIOR REACTION TO ISOCYANATES MUST NOT BE EXPOSED TO VAPOR OR SPRAY MIST. **Use Only With 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 the Material Safety Data Sheet Before Using.

INTENDED FOR PROFESSIONAL USE ONLY.

W37.0600

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

Wasser High-Tech Coatings' liability on any claim of any kind, including claims based upon Wasser High-Tech Coatings' 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 High-Tech Coatings be liable for consequential or incidental damages. Published Product Data Sheets are subject to change without notice. Contact your Wasser Representative for current Product Data Sheets.