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

Ready Reference Information

<table>
<thead>
<tr>
<th>Resin Type:</th>
<th>Single Component Moisture Cure Aliphatic Urethane</th>
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<tbody>
<tr>
<td>Pigment Type:</td>
<td>Coloring</td>
</tr>
<tr>
<td>Sheen:</td>
<td>Semi-Gloss</td>
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<tr>
<td>Colors:</td>
<td>Standard and various colors</td>
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<tr>
<td>Volume Solids:</td>
<td>68.0% ± 2.0</td>
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<tr>
<td>VOC:</td>
<td>&lt;0.83 lb/gal (100g/l) (Volatile Organic Content)</td>
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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

<table>
<thead>
<tr>
<th>*At 50% Humidity</th>
<th>50°F/10°C</th>
<th>75°F/24°C</th>
<th>95°F/35°C</th>
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<tbody>
<tr>
<td>Tack Free</td>
<td>Without PURQuik®</td>
<td>8 hours</td>
<td>4 hours</td>
</tr>
<tr>
<td>Re-coat Minimum¹</td>
<td>With PURQuik®</td>
<td>4 hours</td>
<td>2 hours</td>
</tr>
<tr>
<td>Full Cure</td>
<td>Without PURQuik®</td>
<td>4 days</td>
<td>48 hours</td>
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<tr>
<td></td>
<td>With PURQuik®</td>
<td>48 hours</td>
<td>24 hours</td>
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<td></td>
<td>Without PURQuik®</td>
<td>7 days</td>
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<tr>
<td></td>
<td>With PURQuik®</td>
<td>5 days</td>
<td>4 days</td>
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</table>

¹Humidity, temperature and coating thickness will affect re-coat and curing times.
²No outer recoat window on clean surfaces. Refer to Wasser’s PURQuik® Accelerator Product Data for additional information.

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

www.wassercoatings.com 800.627.2968
Recommended Systems

**Ferrous Metals (Atmospheric/Severe Exposure):**

1st Coat: MC-Zinc 100  
2nd Coat: MC-Ferrox B 100  
3rd Coat: MC-TruGrip 100 or MC-TruGrip Micro 100

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

1st Coat: MC-Zinc 100  
2nd Coat: MC-Tar 100  
3rd Coat: MC-TruGrip 100 or MC-TruGrip Micro 100

**Ferrous Metals (Overcoat):**

1st Coat: MC-Miozinc 100 (Spot Prime)  
2nd Coat: MC-Ferrox B 100  
3rd Coat: MC-TruGrip 100 or MC-TruGrip Micro 100

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

**Aluminum/Non-Ferrous Metals/ Galvanized Metal:**

1st Coat: MC-Universal 100  
2nd Coat: MC-TruGrip 100 or MC-TruGrip Micro 100

1st Coat: MC-Ferrox B 100  
2nd Coat: MC-TruGrip 100 or MC-TruGrip Micro 100

**Concrete**

1st Coat: MC-Universal 100  
2nd Coat: MC-TruGrip 100 or MC-TruGrip Micro 100

**Compatible Coatings**

**Primers:**
- MC-Zinc 100
- MC-Miozinc 100
- MC-Prepbond 100
- MC-Universal 100
- MC-Ferrox B 100
- MC-Tar 100

**Intermediates:**
- MC-Ferrox B 100
- MC-Miomastic 100
- MC-Universal 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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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.*
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.

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.

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 100**

**MC-TruGrip Micro 100**

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### Certifications and Qualifications

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

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### Performance Testing Data

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

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### 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).

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### Shipping Information

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<tbody>
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<td><strong>DOT HAZARD CLASS:</strong></td>
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<tr>
<td><strong>DOT PACKAGING GROUP:</strong></td>
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<td>FLAMMABLE LIQUID</td>
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### 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.