

## Product Description

Revision Date 10/29/04

PURQuik® is a 100% solids proprietary additive formulated to accelerate the curing process of any Wasser Moisture Cure Urethane coating. This unique additive reduces recoat and overcoat times up to 80% and effectively reduces completion times even in temperature as low as 10°F (-12°C).

## Product Features

Compatible with all Wasser Single Component MCU Coatings  
100% Solids  
Reduces recoat and overcoat times

Accelerates coating reactivity in humidity as low as 6%  
Can be used in applications below freezing temperatures (no ice or frost)  
No adverse affects on coating performance

Helps eliminate CO<sub>2</sub> bubbling typically caused by excessive coating film application  
Recommended for use in all service environments  
Increases volume solids in Wasser's 2.8 VOC series coatings from 62% to 64%

## Drying Times and Temperatures

Temp	Primer MC-Zinc MC-Miozinc MC-Prepbond MC-Aluminum MC-MioAluminum Primer		Intermediate MC-Ferrox B MC-Miomastic MC-CR MC-Ferromastic		Topcoat MC-Luster MC-Ferrox A MC-Shieldcoat MC-Clear MC-Aroshield MC-Aroclear		Topcoat MC-Tar MC-BallastCoat		
	° F	° C	without PURQuik®	with PURQuik®	without PURQuik®	with PURQuik®	without PURQuik®	with PURQuik®	
10°	-12.2°	48 hours	<b>8 hours</b>	48 hours	<b>8 hours</b>	72 hours	<b>8 hours</b>	24 hours	<b>10 hours</b>
20°	-6.7°	24 hours	<b>3 hours</b>	24 hours	<b>3 hours</b>	48 hours	<b>3 hours</b>	18 hours	<b>4 hours</b>
30°	-1.1°	12 hours	<b>1.5 hours</b>	12 hours	<b>1.5 hours</b>	24 hours	<b>2 hours</b>	12 hours	<b>2 hours</b>
40°	4.4°	6 hours	<b>1 hours</b>	6 hours	<b>1 hours</b>	12 hours	<b>1 hours</b>	10 hours	<b>1 hours</b>
50°	10.0°	4-6 hours	<b>48 min</b>	6 hours	<b>48 min</b>	10 hours	<b>1 hours</b>	8 hours	<b>1 hours</b>
60°	15.6°	4-6 hours	<b>30 min</b>	6 hours	<b>36 min</b>	6-10 hours	<b>36 min</b>	6 hours	<b>36 min</b>
70°	21.1°	4-6 hours	<b>30 min</b>	6 hours	<b>30 min</b>	6-10 hours	<b>30 min</b>	4 hours	<b>30 min</b>
80°	26.7°	4-6 hours	<b>30 min</b>	4 hours	<b>30 min</b>	6-10 hours	<b>30 min</b>	4 hours	<b>30 min</b>
90°	32.2°	4-6 hours	<b>24 min</b>	4 hours	<b>30 min</b>	6-10 hours	<b>24 min</b>	4 hours	<b>30 min</b>
100°	37.8°	4-6 hours	<b>18 min</b>	4 hours	<b>18 min</b>	6-10 hours	<b>18 min</b>	2 hours	<b>18 min</b>

Dry times stated are approximate recoat times based on product application at average recommended film thickness and 60-90% RH. Actual dry times vary depending upon film thickness, ambient and substrate temperature.

## Accelerating With PURQuik®

Add 1 quart can (32 oz fill) to each 5 gallon pail of Wasser's MCU coating.  
Add 1 quart can (19.2 oz fill) to each 3 gallon pail of Wasser's MCU coating.  
Add 1 half-pint can (6.4 oz] fill) to each 1 gallon pail of Wasser's MCU coating.

Once PURQuik® has been added to any Wasser MCU coating, there will be a pot-life. Accelerate only the materials that will be used the same day. To avoid premature gelling or shorter pot-life, use the following technique for addition:

Ensure the MCU coating has been brought to at least 5° F above the dew point. Open and agitate the coating as necessary to incorporate any settling or separation. Do not over-agitate. The pigmentation in Wasser's products **will not settle** once thoroughly incorporated. Add the pre-measured amount of PURQuik® to the thoroughly mixed coating and agitate only enough to incorporate the accelerator.

Immediately after PURQuik® has been combined with the coating, put a 3-6oz solvent float of Wasser's MC-Thinner or MC-Thinner 100 over the top of the coating in the container. Cover the container when possible.

## Applying PURQuik® Accelerated Coatings

PURQuik® accelerated coatings are designed for spray application. Brush and roll applications are possible; however, the usable pot life may be drastically reduced when the accelerated coating is exposed to repeated dipping of brushes or mixing in the roller pan.

## Precautions When Using PURQuik®

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**CAUTION:** All Wasser MCU coatings are tolerant of damp surface applications; however, using PURQuik® Accelerator will diminish the coating's ability to adhere to a damp surface.

Do not allow rain, water, or condensation to fall directly into the open container. Avoid excessive mixing or any action that will introduce atmospheric moisture into the accelerated coating. If PURQuik® and moisture have been combined with the coating, a very short pot life of 1 to 4 hours can occur.

Do not use PURQuik® in the first coat when applying Wasser's MCU coatings on concrete.

Consult a Wasser Representative if application in wet or freezing conditions is required. Special provisions must be made when temperature is below freezing and humidity is below 35%. Wasser requires a substrate that is free of frost or ice for application in temperatures below freezing.

Some slight variation in gloss levels may occur when PURQuik® is used in MCU coatings.

Avoid using accelerated material after 24 hours.

## Ordering Information

**Product Numbers:** W47.0  
**Package Size:** 1 quart can (32oz fill)  
1 quart can (19.2oz fill)  
1 pint can (6.4oz fill)

**Shelf Life:** **Not Applicable\***

\*Do not store coatings after PURQuik has been added.

## Shipping Information

<b>Flash Point:</b>	170°F (76.6°C)
<b>Weight/gallon:</b>	7.16 lbs. (.86 kg/l)
DOT HAZARD CLASS	8
DOT PACKAGING GROUP	III
DOT LABEL	CORROSIVE
DOT SHIPPING NAME	AMINE, LIQUID, CORROSIVE, N.O.S. (BLOCKED DIAMINE)
DOT PLACARD	FLAMMABLE LIQUID
UN/NA NUMBER	2735

## Safety Precautions

### DANGER!

COMBUSTIBLE LIQUID AND VAPOR. CAUSES EYE IRRITATION. CAUSES SKIN BURNS.  
HARMFUL IF SWALLOWED.

#### Caution: Corrosive

Vapor harmful. May affect the brain or nervous system causing dizziness, headache, or nausea. Causes nose, throat and lung irritation. **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. Combustible liquid. Forms combustible mixtures with air at or above the flash point. Keep away from heat, sparks and flame. Vapor may cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off all stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build up of vapors by opening all windows and doors to achieve cross ventilation. **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 clothing. Wash thoroughly after handling.

#### KEEP OUT OF REACH OF CHILDREN

**FIRST AID:** 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. Get medical attention if irritation persists. If affected by inhalation of vapor or spray mist, remove to fresh air. If necessary, restore breathing and get medical attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately. Remove contaminated clothing and shoes. Thoroughly clean or destroy contaminated clothing or shoes before reuse.

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

Obtain and Read the Material Safety Data Sheet Before Using.

**INTENDED FOR PROFESSIONAL USE ONLY.**

**W47.0**

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.