

Mer-Thane Topcoat & Membrane Accelerators

PRODUCT DESCRIPTION

Mer-Thane Membrane Accelerator is a single-component, proprietary liquid thickener/accelerator designed to accelerate the cure and enhance the moisture curing characteristics of Mer-Ko's urethane coatings. Membrane Accelerator also acts as a thickening agent when used as directed. Membrane Accelerator is designed specifically for use with Mer-Thane 300SF Waterproofing Membrane.

Mer-Thane Topcoat Accelerator is a single-component, low viscosity accelerator designed to speed the moisture cure of Mer-Thane 310SF Waterproofing Membrane, 310 and 300R Topcoats.

CHARACTERISTICS

- Rapid cure times
- Creates a thixotropic compound (*Membrane Accelerator*)
- Reduces application time
- Vertical application capability

CAUTIONS & LIMITATIONS

- Use of excessive amounts of Membrane Accelerator will result in a reduction of physical properties of the membrane material.
- Must not be diluted for use.
- Open containers must be used as soon as possible.
- Do no mix more material with Membrane Accelerator than can be used within 15 minutes.
- Contains curatives.
- Mer-Thane Topcoat Accelerator is considered dangerous goods. DOT regulations classify it as Corrosive Liquid N.O.S. (Contains Amine), Class 8, UN1760, PG III.

COLOR

Mer-Thane Membrane Accelerator is amber.
Mer-Thane Topcoat Accelerator is pale yellow.

PACKAGING

- Mer-Thane Membrane Accelerator is available in:
1 quart cans (0.95 liters)
1 gallon cans (3.8 liters)
- Mer-Thane Topcoat Accelerator is available in:
1 quart cans (0.95 liters)

MIXING

MEMBRANE ACCELERATOR

300SF Mixing Ratios:
≤ 0.5 pint / 1 gallon (≤ 0.24 L/3.8 L)
1 quart / 5 gallons (0.95 L/18.9 L)
Pot life of blended materials is 15-20 minutes.

TOPCOAT ACCELERATOR

310SF, 310 & 300R Topcoats Mixing Ratios:
0.5 pint / 1 gallon (0.24 L/3.8 L)
1 quart / 5 gallons (0.95 L/18.9 L)
Pot life of blended materials is 1-3 hours.

The amount of accelerator to be added is determined based on job site conditions. DO NOT EXCEED MAXIMUM MIX RATIOS. Performance characteristics of urethane membrane materials will be affected. Pot life will vary based on atmospheric conditions and amount of accelerator incorporated.

TECHNICAL DATA – ACCELERATOR M

Coverage Rate	Based on usage
Pot Life	15-20 minutes at 75°F (24°C) RH 50%
Specific Gravity	0.98
Total Solids by Weight	100%
<small>(ASTM D2369)</small>	
Total Solids by Volume	100%
<small>(ASTM D2697)</small>	
Viscosity	50-150 cps at 75°F (24°C)
VOC	0 lbs/gallon (0 g/L)
<small>(ASTM D2369-81)</small>	
Mix Ratio	1:20 (Accelerator:Membrane)

TECHNICAL DATA – ACCELERATOR T

Coverage Rate	Based on usage
Pot Life	1-3 hours at 75°F (24°C) RH 50%
Specific Gravity	0.87
Viscosity	50-150 cps at 75°F (24°C)
VOC	0 lbs/gallon (0 g/L)
<small>(ASTM D2369-81)</small>	
Mix Ratio	1:20 (Accelerator:Membrane, Topcoat)

Thoroughly mix the appropriate Mer-Thane Accelerator into the membrane material using a mechanical mixer at slow speeds until a homogeneous mixture and color is obtained. Use care when mixing to avoid air bubbles. Entrained air can result in pinholes, blisters and/or shortened pot life.

FIRST AID

EYE CONTACT

Flush eye with water for at least 15 minutes. Get medical attention promptly.

INHALATION

Take person to fresh air. If breathing is difficult, administer oxygen. Get medical attention immediately.

SKIN CONTACT

Wipe off contacted area and wash thoroughly with soap and water. If redness, itching, or a burning sensation develops, seek medical attention immediately.

INGESTION

Do not induce vomiting. Consult physician immediately.

FIRE

Wear self-contained breathing apparatus with full face piece and protective clothing. Use foam, carbon dioxide, dry chemical and/or halogenated agents.

SPILL OR LEAK

Wear skin, eye, and respiratory protection during cleanup. Soak up material with absorbent and shovel into a chemical waste container. Cover container, and remove from work area.

STORAGE & HANDLING

Store all Mer-Thane materials in a dry environment at temperatures between 65 to 70°F (18 to 21°C). All materials should be stored in compliance with local fire and safety requirements. Do not store at high temperatures or in direct sunlight. Do not allow uncured materials to freeze. Store materials in tightly closed original containers, off the

ground, on plywood or non-asphaltic insulation board. Avoid moisture contamination. Always wear proper safety equipment, including an approved respirator, eye protection and gloves when mixing and/or applying these products. Do not breathe vapors. Do not keep opened containers in confined spaces. Contains curatives. Mer-Thane Topcoat Accelerator is considered dangerous goods. DOT regulations classify it as Corrosive Liquid N.O.S. (Contains Amine), Class 8, UN1760, PG III. Consult published OSHA (Occupational Safety and Health Administration) regulations for additional information and compliance information.

Equipment should be cleaned using environmentally safe solvents, as permitted under local regulations, immediately after use.

The material is flammable; the flammable products may be hazardous. Do not expose material to open flames, sparks, or other sources of ignition. Use proper grounding and bonding procedures during liquid transfer as described in National Fire Protection Assoc. document NFPA77.

SHELF LIFE

The shelf life is one (1) year from the date of manufacture in the original, unopened container when the material is properly stored.

WARRANTY

Limited manufacturer's defect warranty. Contact Mer-Ko Technical Service Department for specific warranty information or www.parexmer-ko.com.

WARNING:

- Read complete Warning information printed on product container prior to use. For medical emergency information, call 1-800-424-9300.
- For more information on handling this product refer to its Material Safety Data Sheet (MSDS). The most current MSDS and Product Data Sheet (PDS) can be found on our website.
- This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, Parex USA, Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

Any recommendation or suggestion relating to the use of MER-KO products made via current technical literature, marketing materials, technical application guides, specifications, and the like, or in response to specific inquiry or otherwise, is based on data believed to be reliable. However, the products and information are intended for use by Buyers having requisite skill and know-how in the industry. Therefore, it is the responsibility of the Buyer to satisfy the necessary requirements of suitability of the products for its own particular use, and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. Mer-Ko believes the information contained herein is true and accurate as of the date of publication. Information contained here is for evaluation only. Mer-Ko reserves the right to modify and/or change products or literature at any time and without prior notice.

Corporate Office

Parex USA, Inc.
4125 E. La Palma Ave., Suite 250
Anaheim, CA 92807
(866) 516-0061
Tech Support: (800) 226-2424

