

**PRODUCT DESCRIPTION**

Mer-ko Admix 100 is a premium quality, acrylic, polymer-based admixture used for modifying Patterned Stone, Tumbled Marble and Kona-Crete when applied over existing concrete. Admix 100 is water-based and dries to a uniform color with no tendency toward yellowing or discoloration. Admix 100 significantly improves adhesion, cohesion, compressive, tensile, flexural strength, curing and workability of the products it is used with. Admix 100 is resistant to many industrial chemicals and has excellent resistance to ultraviolet light and heat.

**CHARACTERISTICS**

- Increases adhesion and cohesion properties
- Increases strength
- Heat and UV resistance
- Chemical resistance
- Very good workability and curing
- Reduces shrinkage cracking

**COLOR**

Milky white when wet, dries clear

**PACKAGING**

- 1 quart (0.95 liter) bottles
- 5 gallon (18.9 liter) pails

**MIXING**

Pre-Blending Color Solution

For integrally colored applications, pre-blend the appropriate LaHabra Color Pack with 2 quarts of Mer-Ko Admix 100 and 0.5 gallons of water (for each bag of compound to be mixed) in a 5-gallon pail by slowly adding a color pack while mixing with a caged hand drill or mechanical mixer. Mix for 1 minute.

Mixing/Incorporating Solution into the Compound

Using a clean 5-gallon pail, slowly add the selected compound (Patterned Stone, Tumbled Marble or Kona Crete) to the pre-blended solution and mix for a minimum of 15 minutes. While mixing, add the additional water (up to 0.5 gallon additional, for a total of 1.25 to 1.50 gallons per 50 lb. bag). Be sure to incorporate material on the sides and bottom of the mixing container to avoid lumps. Let the material stand for 5 minutes then remix for use, while mixing, adjust the mixture if necessary by adding a small amount of additional water until a uniform, workable consistency is achieved.

**CAUTIONS & LIMITATIONS**

- Mer-Ko decorative coatings materials must not be installed if the surface or ambient temperature is below 40°F (4°C) or above 100°F (38°C).
- Do not install during inclement weather, when precipitation is occurring or expected within 24 hours.
- Concrete substrates must be properly prepared. Non-porous substrates must be scarified.
- Sufficient pitch of the concrete slab/deck surface is required to ensure run-off and prevent pooling.
- Concrete substrates must have a minimum compressive strength of 3,000 psi tested by "point loading" technique.
- Concrete should not contain fly ash. Fly ash will migrate to the surface and interfere with the chemical and mechanical bonding of the material.

**TECHNICAL DATA**

Test Results (28 day air cure)

	Unmodified Cement	With Admix 100
<b>Tensile Strength</b> .....	235 psi	615 psi
<b>Compressive Strength</b> .....	2390 psi	5795 psi
<b>Flexural Strength</b> .....	610 psi	1585 psi
<b>Impact Strength</b> .....	6 psi	16 psi

- Protect all finished surfaces that are not intended to receive the deck coating system materials.
- Provides moderate chemical resistance. Avoid exposure to harsh chemicals or acids.
- Will not bridge seismic cracks or wide construction joints.
- Reflective cracking can occur with substrate movement.

**FIRST AID**

**EYE CONTACT**

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

**INHALATION**

Remove to fresh air. If not breathing, give artificial respiration. If having difficulty breathing, give oxygen. Get immediate medical attention.

**SKIN CONTACT**

Wash affected area thoroughly with soap and water. Remove contaminated cloths and laundry before reuse.

**INGESTION**

Do not induce vomiting. Get medical attention immediately.

**FIRE**

Water based product. Not Flammable.

**SPILL**

Ventilate area. Dike spill using absorbent inert materials. Transfer to containers and allow to dry for disposal. Keep spilled products out of sewers, streams, and water systems.

**STORAGE & HANDLING**

Store Admix 100 out of direct sunlight, at temperatures between 40°F and 100°F (4°C and 38°C). Do not allow the Admix 100 to freeze. Promptly clean tools and equipment with water and mild detergent. Dried material can be removed with mineral spirits. Always wear proper safety equipment, including particle mask, eye protection and gloves when mixing and/or applying these products.

**SHELF LIFE**

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

**WARRANTY**

Limited manufacturer's defect warranty. Contact Mer-Ko's Technical Service Department for specific warranty information or [www.parexmer-ko.com](http://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.

# Product Data Sheet **Admix 100**

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