

# LaHabra® Admix100



**LaHabra® Admix100** is a premium quality acrylic polymer-based admixture used for modifying Aged Limestone and Plaster Mix. **Admix100** is water-based and dries to a uniform color with no tendency toward yellowing or discoloration. It significantly improves adhesion, cohesion, compressive, tensile, and flexural strengths. It is resistant to many industrial chemicals and has excellent resistance to ultraviolet light and heat.

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### Description

A 100% acrylic emulsion additive for portland cement based products.

### Uses

Admix100 is to be added to Aged Limestone and Plaster Mix to increase their mechanical strength, heat and UV light resistance, chemical resistance properties, adhesion and cohesion properties, curing characteristics and workability.

### Advantages

- Improves adhesion
- Increases workability
- Aids in the development of strength
- Reduces the likelihood of shrinkage cracking

### Packaging

1 quart bottles and 5 gallon pails

### Coverage

Varies by chosen mix ratio and the product that Admix100 is being used to enhance.

*This information is designed to guide you and has been conscientiously compiled according to the latest state of our technology. No liability can be accepted in connection with the use of the product because of the great variety of applications and working conditions.*

### Color

Milky white

### Surface Preparation

In all cases, substrate surface must be clean and sound. All loose and disintegrated materials, traces of oil, grease, dirt, dust, efflorescence, mold, mildew, release and curing agents must be removed.

### Mixing

Admix100 is an acrylic polymer. Mix Admix100 and water prior to adding to dry material.

- The normal ratio with potable water is 1 part Admix100 to 3 parts water (1:3). See appropriate data sheet for Admix100 to water ratios on Aged Limestone.
- If enhanced performance is desired, increase the amount of Admix100 to 1:2 or 1:1 Admix100 to water ratio.
- Always use a mechanical stirrer when mixing the material.

### Application

*LaHabra requires that all applicators attend an educational seminar on LaHabra Specialty Finishes. LaHabra recommends that the project owner or designer approve a job site mock-up of the application of this product. The mock-up should demonstrate the products' appearance under the conditions given by the project specification(s).*

- When blended, the product should be applied immediately.
- Latex-modified cement products form "skin" rapidly, particularly in warm weather. The skinning reduces the workability, and pot life, therefore the material is good for only 20 to 30 minutes.
- Dispose of mixes which have begun to skin or set. Skinning indicates loss of ultimate strength and performance.
- Use liquid mixes to wet tools for finishing.
- Do not overwork surfaces, as the finish will tend to "tear" as it skins.

### Clean Up

Clean tools frequently using clean water as build-up of cured latex-modified cement products are very difficult to remove.

### Maintenance

Refer to the literature of the product that you are using Admix100 to enhance for appropriate maintenance procedures for that product.

### Storage and Handling

Keep container closed after each use. Protect from freezing. Wash thoroughly after handling. Avoid eye and skin contact. In case of contact, flush with clean water and seek medical attention if irritation persists.

### Shelf Life

If the product remains in an unopened, undamaged, original sealed pail that is properly stored, Admix100 has a shelf life of 1 year.

### Cautions & Limitations

- Do not use Admix100 when the temperature is below 40 °F (4 °C). High relative humidity and low temperatures will retard the curing process of the mixes.
- Do not use Admix100 as a bonding agent or as a primer.
- Do not use with air entrained cement.
- Use with proper ventilation.

*Technical and Field Services available upon request.*

#### Test Results (28 day air cure)

	Unmodified Cement	With Admix100
Tensile Strength	235 psi	615 psi
Compressive Strength	2390 psi	5795 psi
Flexural Strength	610 psi	1585 psi
Impact Strength	6 psi	16 psi



## LaHabra

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