

# Acrylic Admix 101®

Integrally added bonding agent to bond new concrete, portland cement plaster, and mortar mixes.

Acrylic Admix 101® is an integrally added bonding agent to bond new concrete, portland cement plaster, and mortar mixes, interior or exterior. It is an organic polymer (a white, milky liquid) which is mixed with varying proportions of water according to the performance required for the modified portland cement mix. i.e., tensile bond strength, etc. This ratio usually ranges from one part acrylic to one to three parts water.

It also creates a hard, durable surface resistant to most chemicals and acids, imparts excellent water and weather resistance, improves curing qualities and reduces shrinkage cracking. Bonded assemblies are unaffected by water.

## Guide Specifications

Divisions 3 & 9

### 1. General

#### 1.1 Product Handling

- a. Deliver Acrylic Admix 101® to job in original containers with seals unbroken.
- b. Materials Storage: Protect Acrylic Admix 101® from freezing.

#### 1.2 Environmental Conditions

- a. Air and surface temperatures must be above freezing during application of Acrylic Admix 101®.
- b. Bonded assemblies are unaffected by water.

### 2. Products

#### 2.1 Materials

- a. Integral Bonding Agent: Acrylic Admix 101®, Larsen Products Corp., Jessup, Maryland.

### 3. Execution

#### 3.1 Surface Preparation

- a. Surfaces to receive Acrylic Admix 101® modified mixes MUST BE STRUCTURALLY SOUND AND CLEAN, free from loose material, dust, dirt, oil, grease, wax, loose paint, mildew, rust, laitance or efflorescence. Surfaces with form releasing agents, curing compounds, hardeners and sealers must be compatible with Acrylic Admix 101® mixes. For areas embedded with grease or oil, sandblast to clean surface or remove with a concrete cleaner and conditioner. Smooth, steel troweled surfaces should be scarified.

### 3.2 Installation

#### 3.2.1 Thin Cement Toppings

- a. For portland cement/sand toppings (1 inch or less), use one part Acrylic Admix 101® to two parts water. Mix to the proper workable consistency for troweling. Do not use a high speed mechanical mixer because this will entrain excessive air. Place the topping mix using a steel trowel, and spread to desired thickness.

#### 3.2.2 Application of Modified Portland Cement Plaster (One Coat Work to Concrete)

- a. Use one part Acrylic Admix 101® to three parts water and stir well in clean container before adding to dry portland cement mix (no lime is needed in the mix). Dampen surface to reduce suction, then apply the modified portland cement plaster to a total thickness not to exceed 3/8".

#### 3.2.3 Application Over Masonry Surfaces

- a. Follow mixing instructions. To prevent masonry joints from shadowing through the finish, apply a thin dash or scratch coat of modified portland cement plaster, allow it to take up, and double back to the full 3/8" thickness for finish.

## Availability & Cost

Acrylic Admix 101® is available from building supply dealers throughout the United States.

**Packaging:** 55 gal. drum, 5 gal. pail and gallon.

**Color:** Milky White (dries clear)

LIMITATIONS: DO NOT USE WITH HIGH EARLY STRENGTH CEMENTS, AIR ENTRAINING CEMENTS, AIR ENTRAINING ADMIXTURES, or with cement containing self-bonding adhesives. DO NOT PLACE FINISHES OR PATCHES AT TEMPERATURES BELOW 50° F, or when temperatures are expected to fall below 40° F within 24 hours. When high temperatures prevail with rapid movement, cover surface with wet burlap. Acrylic Admix 101® fortified mixes are not suitable for use over surfaces dried with wax base curing and parting compounds.



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**Warranty:** Plaster-Weld®, Weld-Crete®, and Acrylic Admix 101™ are suited for the purposes described when used according to directions. Buyer agrees in purchasing this product that Seller's liability for breach of warranty shall in no case exceed the price of the product. Because of the broad range of conditions beyond our control which may be encountered in the use of the product, Larsen Products Corp. makes no other warranty, express or implied, and no agent or other person is authorized to do so. Nevertheless, we will be glad to provide information about any type of installation you may request.