



# Acrylcoat

## Acrylic Latex Bonding Agent & Admixture

### DESCRIPTION

**Acrylcoat** is a non-reemulsifiable, acrylic, latex cement bonding agent and admixture. **Acrylcoat** can be used as an admixture to enhance the performance properties of patching materials, grouts, mortars and cementitious coatings. **Acrylcoat** exhibits excellent resistance to freeze/thaw cycles and can be used for interior or exterior applications.

### USES

**Acrylcoat** is ideal for bonding new concrete to new concrete or new concrete to old concrete in interior or exterior applications. **Acrylcoat** is an acrylic polymer specifically designed for use with cementitious compositions such as patching materials, grouts, masonry coatings, stucco coatings and masonry mortars to increase chemical resistance and performance.

### BENEFITS

- Durable: Increase tensile strength, flexural strength and chemical resistance over non-modified mortars
- Curing: Increase water retention properties
- Excellent Bonding Agent: Superior adhesion properties
- Freeze/Thaw Resistance: Increased resistance to dramatic climatic changes
- Consistent: Strict Quality Control testing and standards

### STANDARDS

**Acrylcoat** meets and exceeds the requirements of ASTM C-1059, Type II for Latex Bonding Agents.

### SURFACE PREPARATION

All surfaces in contact with **Acrylcoat** shall be free of dirt, oil, grease, laitance and other contaminants that may act as bondbreakers. All unsound concrete should be removed to ensure a good bond. Smooth, dense surfaces may need to be mechanically abraded to provide necessary bonding requirements. ACI recommends that the area to be patched should be saturated for 24 hours before placement. Remove any standing water. Surface should be saturated, surface dry (SSD). Maintain contact areas between 45°F (7°C) and 90°F (32°C) prior to repair and during initial curing period.

### MIXING

For best results, mix thoroughly before each use. Do not over agitate or use high speed mixing equipment. Stir **Acrylcoat** to a uniform blend when combined with water. When batching with **Acrylcoat**, always premix both the dry ingredients (sand and cement) and the wet ingredients separately. Next, slowly blend the dry ingredients into the wet ingredients to form a mortar of desired consistency.

### PHYSICAL PROPERTIES

\*Complies with National Volatile Organic Compound Emission Standards.

APPEARANCE	Milky White Liquid
SOLIDS CONTENT	25%
pH	5.1
SPECIFIC GRAVITY	1.1
LBS/GAL	9.0
FREEZE/THAW STABLE	Yes
MIN. FILM. FORM	59°F (15°C)

### Bond Strength (ASTM C-1059)

Days Immersed	PSI
7 DAYS	> 1200
14 DAYS	> 1800
28 DAYS	> 1900

### MIXING [cont.]

Suggested applications are as follows:

<b>Slurry Coat:</b>	94 lb cement 6 gal water 3 gal <b>Acrylcoat</b>
<b>Patching Admixture:</b>	1 part water 1 part <b>Acrylcoat</b>
<b>Patching Mortar</b>	300 lb dry sand 94 lb cement 2 gal water 2 gal <b>Acrylcoat</b>

### PLACING

As a bonding agent for patching compounds, apply with a low pressure sprayer, brush or roller at a rate of 300 ft<sup>2</sup>/gal when diluted 1:1 with cool, clean potable water. A hand held pump sprayer or an airless industrial sprayer is acceptable. Apply evenly without puddling. Apply patch while **Acrylcoat** is still tacky.

### STORAGE

Protect from freezing. Store material in an interior, cool dry place above 45°F (7°C). Shelf life is one year in original, unopened container.

### CLEAN-UP

Clean tools and equipment with warm, soapy water. After material has dried, it may be necessary to use solvents such as mineral spirits, toluene or xylene.

**Packaging: 1 gal (3.8 L) jug, 5 gal (18.9 L) pail, 55 gal (207.9 L) drum**



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### LIMITATIONS

In addition to the limitations already mentioned, please note the following. Do not apply when the temperature is below 45°F within 48 hours. High humidity and excessive moisture will retard curing time of **Acrylcoat** modified mixes.

### REGULATORY

Read and follow application information, precautions and Material Safety Data Information.

#### **HMIS**

Health 1, Fire 0, Reactivity 0

#### **VOC Content**

0 g/L

### CAUTION

Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

### TECHNICAL SERVICE

US MIX Co.

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