



# Acrylcoat

## Acrylic Latex Bonding Agent and Admixture

### DESCRIPTION

**Acrylcoat** is a non re-emulsifiable, acrylic latex liquid 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 and can be used with cementitious compounds:

- Patching materials
- Grouts
- Masonry coatings
- Stuccos coatings
- Masonry mortars

### 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

### STANDARDS

**Acrylcoat** meets and exceeds the requirements of ASTM C1059, Type I and 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 bond-breakers. All unsound concrete should be removed to ensure a good bond. Smooth, dense surfaces need to be mechanically abraded to provide necessary bonding requirements. If mechanical abrasion is needed refer to ICRI Guideline 310.2 for proper surface preparation methods. Substrate shall be dry. Always apply a test patch. Maintain contact areas between 40°F (4°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.

VOC	<10 g/L
Color	Milky White Liquid
Solids Content	25%
Dry Time	25 minutes

### 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 40°F (4°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.

### LIMITATIONS

In addition to the limitations already mentioned, please note the following. Do not apply when the surface or ambient temperature is below 40°F (4°C) or expected to fall below 40°F (4°C) within 48 hours. High humidity and excessive moisture will retard curing time of **Acrylcoat** modified mixes.



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### **DANGER**

May be harmful if swallowed. May be harmful if inhaled. May cause skin irritation. May cause eye damage. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated place. Keep away from children. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations.

### **FIRST AID**

If swallowed: Immediately call a poison center/doctor. Rinse mouth. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

### **MANUFACTURER/TECHNICAL SERVICE**

Contact your US SPEC manufacturer's representative for the most current product information. Always read and follow the warnings and instructions on the most current technical data sheets and safety data sheets (SDS), available online at [www.usspec.com](http://www.usspec.com).

### **US MIX**

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Web Site: [www.usspec.com](http://www.usspec.com)

**LIMITED WARRANTY:** The manufacturer warrants that this product is free from defects in material and workmanship, and will perform per the manufacturer product literature in effect at the time of purchase. This warranty is for one (1) year from the date of purchase. Any implied warranty of merchantability or fitness for a particular purpose is limited to the duration of this express warranty. This warranty applies only if the product is used, in strict accord with the manufacturer published instructions. The sole and exclusive remedy under this warranty is replacement of the defective product or refund of the purchase price, at the manufacturer's option. **CONSEQUENTIAL, SPECIAL, AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.** All claims under this warranty must be submitted to the manufacturer by calling 303-778-7227. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.