



# Multicoat EVA

## One Time Re-Emulsifiable Bonding Agent

### DESCRIPTION

**Multicoat EVA** is a one time re-emulsifiable, ethylvinyl acetate copolymer for use as a liquid bonding agent and admixture. **Multicoat EVA** has high strength in dry film and provides a better wet bond than acrylic or PVA products. Unlike PVA products, it allows for exterior use, increased water and alkali resistance and a lower film formation threshold. **Multicoat EVA** is considered less sticky, more workable and more versatile than acrylic bonders. **Multicoat EVA** will re-emulsify once and will not re-wet again. It can be used as both a bonder and an admixture in interior or exterior applications not subject to water immersion.

### USES

**Multicoat EVA** is an ideal primer for use with **US SPEC SLU** or other cementitious compositions because of its one-time re-emulsification ability. **Multicoat EVA** can also be used as an admixture with portland or gypsum cement underlayments, patches, mortars and coatings to increase adhesion, as well as flexural and tensile strength. **Multicoat EVA** will bond to concrete, masonry and brick.

### BENEFITS

- Versatile: Bridges gap between acrylic and PVA products
- Excellent Bonding Agent: Superior adhesion properties
- Can be used when there is a delay of up to seven days prior to application of top coat
- Workability: Improved trowelability over acrylic products
- Water-Based: Low odor, VOC compliant and easy clean-up
- Consistent: Strict Quality Control testing and standards

### STANDARDS

**Multicoat EVA** meets and exceeds the requirements of ASTM C-1059 for Latex Bonding Agents.

### SURFACE PREPARATION

All surfaces in contact with **Multicoat EVA** 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.

### PHYSICAL PROPERTIES

\*Complies with National Volatile Organic Compound Emission Standards.

APPEARANCE	Milky White Liquid
SOLIDS CONTENT	55%
pH	4.5
SPECIFIC GRAVITY	1.1
LBS/GAL	8.9
FREEZE/THAW STABLE	No
MIN. FILM. FORM	32°F (0°C)
MECHANICAL STABILITY	Excellent
WATER RESISTANCE	Good
VISCOSITY	2,300 CPS

### MIXING

For best results, mix thoroughly before each use. Do not over agitate or use high speed mixing equipment. Stir **Multicoat EVA** to a uniform blend when combined with water. When batching with **Multicoat EVA**, 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. Suggested applications are as follows:

<b>Slurry Coat:</b>	94 lb. cement 6 gal water 3 gal <b>Multicoat EVA</b>
<b>Patching Admixture:</b>	1 part water 1 part <b>Multicoat EVA</b>

### PLACING

As a primer for **US SPEC SLU** and **Flow-Top HD**, apply evenly with a soft push broom. Do not use paint rollers, mops or spray equipment. Prime the surface with **Multicoat EVA** at a rate of 500-600 ft<sup>2</sup>/gal when diluted 2:1 with cool, clean potable water. Coverage rate of **Multicoat EVA** will vary depending on the porosity of the surface. Extremely absorbent concrete may require two applications of **Multicoat EVA** to avoid the formation of "pinholes" in the underlayment. Allow **Multicoat EVA** to fully dry prior to placing underlayment.

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. Allow **Multicoat EVA** to fully dry prior to placing patch.

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



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### 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.

### LIMITATIONS

In addition to limitations already mentioned, please note the following. Do not apply when the temperature is below 45°F (7°C) or when the temperature is expected to fall below 45°F within 48 hours. Do not use **Multicoat EVA** in areas subject to constant immersion, such as swimming pools.

### 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.

112 South Santa Fe Drive

Denver, CO 80223

Tel: 303.778.7227 Fax: 303.722.8426

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

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