

### DESCRIPTION and USES

While masonry construction has been used for many years, recently its popularity has increased. In response to this growing market, RepcoLite Paints has developed a coating that overcomes the difficulties encountered when using conventional vinyl-acrylic or alkyd/oil based coatings. Two basic problems need to be addressed when coating masonry- the high alkalinity of fresh masonry and the tendency to develop cracks that are "live", opening and closing with changing weather. 46310 EMC provides a solution to these problems by providing the following benefits when used as a coating on masonry:

- \* Permanent flexibility and elongation properties that allow it to resist cracking and bridge cracks that do develop.
- \* Excellent elastic recovery and resilience that accommodates weather-related expansion and contraction.
- \* Chemical resistance, especially alkali resistance, that prevents premature failure of the paint film and loss of color.
- \* "Breathability" to prevent moisture build up in masonry wall.
- \* Outstanding durability and resistance to dirt pick up for a long-term attractive appearance.

This outstanding coating is based on 100% acrylic latex technology and is waterborne for uncomplicated handling and clean up.

### SURFACE PREPARATION

Proper surface preparation is critical to maximizing the life of 46310 EMC. All surfaces to be coated must be free of dirt, oil, grease and other surface contaminants.

**NEW MASONRY:** All new masonry construction must be allowed to cure for 28 days before coating. Periodic wetting of the surface during the curing process will speed the hydration process and lower the alkalinity of the surface. Test pH of the surface before coating. The closer to neutral the better. Do not coat surfaces with pH of 10 or more since this may lead to early failure and the creation of unsightly efflorescence. New tilt-up masonry panels may have a residue of form release oils or wax on the surface which must be removed by blasting or scrubbing. Brush face of new masonry to remove loose dirt and mortar. Surface may be slightly damp but not wet when painting. All evident cracks 1/16" or wider must be filled with a top grade acrylic caulk. Wide cracks ( 1/4" or wider) should be bridged with mesh tape embedded in caulk.

**OLD MASONRY:** Older masonry construction, painted or unpainted, should be power washed at 2000psi to remove surface contamination such as dirt and chalk. Brushing the surface down with a detergent/water solution before power washing will help to remove tightly adhering dirt and chalk. Masonry surfaces in poor condition should be primed with a coat of 49309 PENETRATING SEALER to restore a sound, paintable surface. All surface contamination must be removed so the EMC can adhere to a sound surface. Loss of adhesion will cause this product fail prematurely over "live" cracks. Fill all evident cracks as described above.

### SAFETY INFORMATION

For complete safety information, refer to the SAFETY DATA SHEET for this product.

### PRODUCT CODE INFORMATION

46310 Elastomeric Masonry Coating—White

### TECHNICAL DATA

<b>Finish:</b>	Low Sheen
<b>Vehicle Type:</b>	100% Acrylic Latex
<b>Volume Solids:</b>	50%
<b>Coverage:</b>	100 – 150 SF/Gallon for one coat. 150 – 200 SF/Gallon for two coats.
<b>Dry Time:</b>	
<i>Touch:</i>	30 – 60 Minutes
<i>Recoat:</i>	4 Hours (in good drying weather).
<b>Primer:</b>	
<i>Steel:</i>	Self Prime
<i>Galvanized:</i>	Self Prime
<i>Wood:</i>	44510 Zip Prime-WB
<i>Masonry:</i>	Self Prime or 44610 Sprayable Block Filler
<i>Ext. Plaster/Stucco:</i>	Self Prime
<b>VOC:</b>	Less than 380 g/l
<b>Clean Up:</b>	Water

### APPLICATION

Because of the viscosity and high volume solids of EMC, the best means of application is an airless sprayer. However best results are achieved when the airless-applied paint is back rolled to a smooth finish. Back rolling should be done as soon as the EMC is applied to avoid rolling partially dried coating.

During hot, dry and/or windy weather, it is wise to dampen the masonry surface to cool it and slow down the drying of the EMC. To achieve uniform application and proper film thickness, 2 coats are recommended. Apply approx. 8 to 12 mils of wet paint per coat. This will result in a dry film thickness of 8 to 12 mils, which is the film thickness necessary to effectively bridge cracks that may develop.

Do Not apply this coating at temperatures lower than 55°deg higher than 85°deg. High relative humidity will slow dry times while low humidity will result in application problems because of too rapid dry.

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