

In-Depth Performance for Masonry Coatings



For superior-looking masonry coatings that can withstand the elements and the test of time, turn to Lubrizon. Our new elastomeric polymers are designed for the high-performance demands of masonry, concrete block, brick, stucco, EIFS or fiber/cement board.

Conventional house paints used for masonry coating applications are a thing of the past. Designed for application over traditional siding materials, these paints can deteriorate quickly when used directly on masonry and concrete substrates.

Carboset® SA-860, is a styrene acrylic elastomeric polymer specifically designed for masonry coatings. No need to wait for your stucco surface to cure for 30 days – coatings containing Carboset SA-860 can be applied within 24 hours and still provide outstanding weatherability over highly alkaline substrates.

New from Lubrizon is Carboset AE-960, a waterborne acrylic elastomeric polymer for masonry coatings with outstanding tint retention and excellent durability over masonry substrates. With superior alkali- and efflorescence-resistance, your coatings will assure longer coating life and lower maintenance costs for your customers. Carboset AE-960 can also be applied within 24 hours over fresh stucco or concrete.

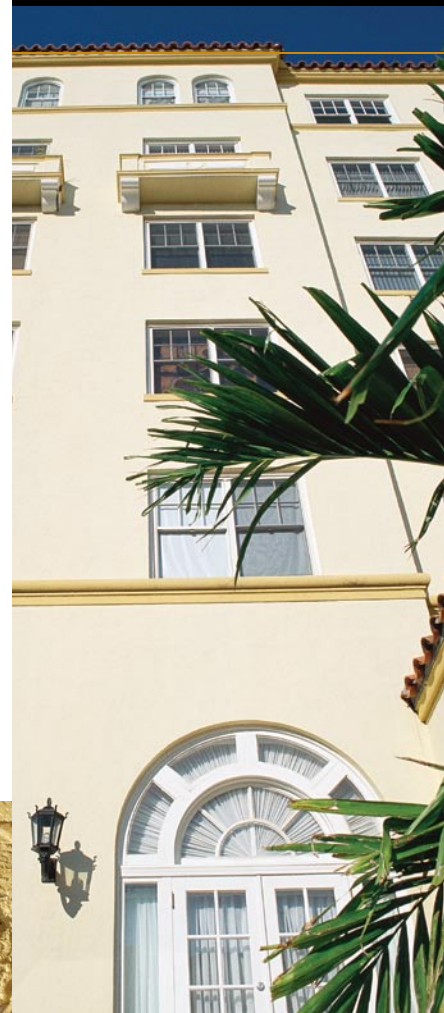
In addition, Carboset SA-860 and Carboset AE-960 do not require thick films for performance.

And Lubrizon offers more than just high-performance products. We provide customers around the globe with advanced research and development, comprehensive polymer and applications testing, technical expertise and a focus on customer service that is unparalleled in the industry. No matter what your application requirements, our team is dedicated to meeting your specific needs.

Waterborne Carboset Acrylic Elastomers and Styrene Acrylics for High Performance Masonry Coatings

Choose Carboset AE-960 and Carboset SA-860 for:

- Outstanding dirt pickup-resistance
- Excellent efflorescence-resistance
- Superior alkali-resistance
- Advanced weathering properties
- Experienced technical, sales and marketing service



Carboset® Masonry Polymers ▶ Provide Superior Performance



	Carboset AE-960	Carboset SA-860	Commercial Masonry Coating	Competitive Masonry Polymer
CLEAN, LONG-LASTING COATINGS				
Dirt Pick-Up Resistance, % of Y - Reflectance, Retained	97	95	91	94
Dirt Pick-Up, Exterior Exposure (14 mo., Delta L)	11	8	14	11
Efflorescence (ASTM D7072-04) [5 = Excellent]	5	5	4	0
Water Absorption in Seven Days (%)	18	30	11	20

CONSISTENT COATING APPEARANCE, COLOR

Weathering / Tint Retention (Emmaqua, 700 MJ/m ² , Blue Tint)	4.0	5.5	5.5	6.5
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APPLICATION FLEXIBILITY

Alkaline Resistance (10 % NaOH Room Temperature)	Pass	Pass	Fail	Fail
Alkaline Resistance (10 % NaOH 120°F)	Pass	Pass	Fail	Fail

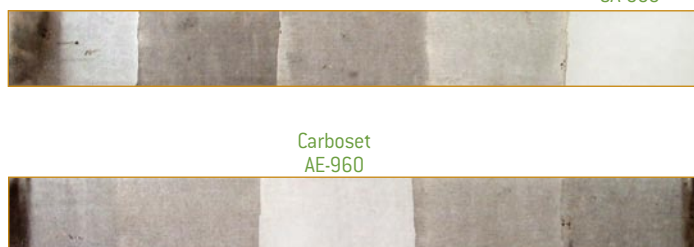
CRACK BRIDGE PERFORMANCE

Tensile Stress, psi (10 mil DFT)	85	115	180	800
Elongation Percentage (10 mil DTF)	300	200	160	170
% of Recovery	97	97	95	94
Conical Mandrel Bend (0°F)	Pass	Pass/Fail	Pass	Pass

IN-CAN STABILITY

KU Viscosity, 10 Weeks 140°F	Pass	Pass	Fail	Fail
Freeze/Thaw, 5 cycles @ 0°F	Pass	Pass	Pass	Fail - 1 Cycle

Dirt Pick-Up Resistance - 14 Month Exterior Exposure



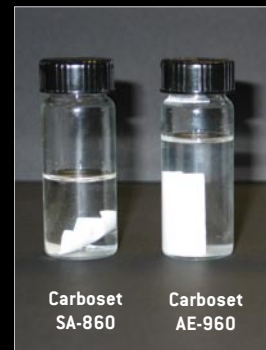
Carboset SA-860 and Carboset AE-960 demonstrate superior performance over commercial masonry paint and competitive masonry polymer (top panel) in actual exterior exposure conditions in an intense industrial environment.

Efflorescence Resistance - ASTM D7072-04



Lubrizon elastomeric polymers also show cleaner film and no efflorescence when compared to alternative masonry products.

Alkali Resistance NaOH @ 140°F



Carboset SA-860 Carboset AE-960

Free Film - No Defects
SA-860 > 1 yr



Commercial Masonry Paint Competitive Masonry Polymer

1. Failure - Film
Fragments < 3 days

2. Failure - Film
Dissolved < 3 days