

Carboset® 7160A

Semi-Elastomeric Styrene-Acrylic Polymer

Carboset® 7160A is an APEO and formaldehyde free water-based styrene acrylic emulsion specifically developed for semi-elastomeric vertical masonry coatings. High performance coatings can be formulated using Carboset 7160A for a variety of construction materials including concrete block, brick, stucco and EIFS and fiber-cement surfaces. These coatings are applied at approximately 10 mils dry and have elongation between 200 and 400%. Carboset 7160A based masonry coatings have superior performance relative to architectural coatings and are more economical than elastomeric masonry coatings typically applied at 20 mils dry. Carboset 7160A provides a unique combination of coating properties. Coatings based on this polymer have demonstrated excellent dirt pick-up resistance, efflorescence resistance, water resistance and weathering leading to clean, long lasting coating performance. Carboset 7160A was developed to provide high alkali resistance for greater application flexibility (time, substrate) including application with or without primers. Carboset 7160A based coatings have good adhesion to masonry, wood and metal substrates.

FEATURES AND BENEFITS

- Adhesion
- Alkali Resistance
- Dirt Pick-Up Resistance
- Durable
- Ease of Application
- Efflorescence Resistance
- Flexible
- Mechanical Stability
- UV Resistance
- Water Resistance
- Weatherability

CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	49.0 - 51.0
Appearance	Milky White
Brookfield Viscosity (cps)	500 - 5000
Density (g/cc @ 25 °C)	1.05
Density (lb/gal @ 25 °C)	8.76
Elongation (%)	200 - 400
Freeze/Thaw Stability	Protect from freezing
Handling & Storage	May recover from freezing over time
MFFT (°C)	21



Characteristic Name	Value
pH Value	7.9 - 8.7
Specific Gravity	TBD
Tg (°C)	24

REGULATORY

- APEO-Free¹
- Formaldehyde-Free¹

¹Not intentionally added to the composition of this product

APPLICATIONS

- Building & Construction Coatings

AVAILABLE REGIONS

- Asia Pacific
- Latin America
- North America

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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