

CARBOSET® CA-600L

Low VOC, Low Odor, 100% Acrylic, Self-Crosslinking

Carboset® CA-600L is a water-based, low odor, 100% acrylic, self cross-linking, polymer emulsion specifically developed for horizontal masonry clear, stain and opaque coatings. High performance coatings can be formulated at <100 g/L VOC to protect and enhance the appearance of a variety of concrete based construction materials for residential and commercial applications. Carboset CA-600L provides a unique combination of properties for a wide range of horizontal masonry coatings. Carboset CA-600L based coatings do not blush, have great exterior durability, and adhere well leading to long lasting, attractive coatings. They also provide good chemical resistance enhancing appearance by resisting discoloration from dirt and spills. Carboset CA-600L based coatings do not yellow and can enhance the color of the substrate when applied in two coats. Good early water resistance and fast dry time provide for faster application and fewer concerns for rain after application. Contractors have reported that Carboset CA-600L based coatings are easier to apply when used side by side with existing commercial coatings. Carboset CA-600L can be used in clears, stains and fully pigmented systems directly on cementitious substrates, in cementitious coatings, over acid stains and over substrates previously treated with latex coatings leading to greater formulation flexibility.

FEATURES AND BENEFITS

- Abrasion Resistance
- Adhesion
- Alkali Resistance
- Block Resistance
- Chemical Resistance
- Dirt Pick-Up Resistance
- Fast Drying
- Film Clarity
- Glossy
- Hot Tire Pick-Up Resistance
- Hydrophobic
- Non-Yellowing
- Self-Crosslinking
- Solvent Resistance
- Stain Resistance
- UV Resistance
- Water Resistance
- Weatherability

CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	41.0 - 43.0
Appearance	Milky white
Brookfield Viscosity (cps)	15 - 200
Density (g/cc @ 25 °C)	1.05
Freeze/Thaw Stability	Yes (Requires up to 24 hours to thaw)
MFFT (°C)	35



Characteristic Name	Value
pH Value	7.9 - 8.6
Tg (°C)	55

REGULATORY

- APEO-Free¹
- Low VOC⁴

¹Not intentionally added to the composition of this product

⁴Suitable for coating formulations where less than 140 g/l VOC (US EPA Method 24) or 75 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

APPLICATIONS

- Building & Construction Coatings

AVAILABLE REGIONS

- Asia Pacific

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 365 days. See SDS for storage conditions and handling instructions.

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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