

Carboset® CA1009

Acrylic-Polyurethane Emulsion

Carboset® CA 1009 is an APEO, formaldehyde, and NMP-free water-based acrylic / polyurethane hybrid polymer designed for formulating roof topcoats and primers. It can be formulated into coatings under 50 g/L VOC (USA). Carboset CA 1009 demonstrates excellent bitumen bleed-through resistance, making it ideal for use on new or weathered bitumen substrates. Carboset CA 1009 can be applied over a variety of roof and facade construction materials, including asphaltic roofing plies, concrete block, brick, stucco, EIFS and fiber-cement. It can be used as a topcoat or self-priming system, allowing customers to leverage a single polymer for multiple construction applications. Carboset CA 1009 has excellent alkali resistance, making it suitable for use over fresh (high pH) masonry surfaces.

FEATURES AND BENEFITS

- Adhesion
- Alkali Resistance
- Dirt Pick-Up Resistance
- Durable
- Elastomeric
- High Solids
- Tear Resistance
- Toughness
- UV Resistance
- Weatherability

CHARACTERISTICS

Characteristic Name	Value
% Weight Solids	54.0-56.0
Appearance	White Liquid
Brookfield Viscosity (cps)	150-800
Density (g/cc @ 25 °C)	1.1
Density (lb/gal @ 25 °C)	9.16
pH Value	8.0-9.0
Tg (°C)	7

REGULATORY

- APEO-Free¹
- Formaldehyde-Free¹
- Low VOC⁴
- NMP-Free¹

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
- EMEA

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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