

NEOCAR® Latex 2300

Vinyl Versatate-Containing Latex for Cost-Effective Architectural Coatings

Product Benefits

As a family, NEOCAR® latexes are latex polymers based on vinyl acetate / acrylic monomers, enhanced by the addition of vinyl versatate, a highly branched vinyl ester monomer, thus creating a unique terpolymer. The vinyl ester imparts excellent water and alkali resistance, as well as UV resistance. These vinyl versatate-containing latexes display a good balance of performance properties, and may be formulated to offer a cost-effective alternative to all-acrylic latexes without a significant sacrifice in performance.

NEOCAR® Latex 2300 displays outstanding hydrolytic stability, water resistance and binding efficiency. The polymer is especially well suited for use in coatings for cement-based surfaces and provides excellent durability over previously painted substrates.

NEOCAR® Latex 2300 can be formulated into coatings from 250 – 50 g/L VOC. Lower VOC levels maybe obtained with use of non-VOC coalescing solvents.

Polymer Design

- Acrylic, vinyl acetate, vinyl versatate terpolymer

Performance Benefits

- Outstanding exterior durability
- Outstanding resistance to alkaline environments
- Durability over previously painted substrates
- Excellent scrub resistance
- Excellent mud crack resistance

Typical Polymer Properties¹

| | |
|----------------------------------|------|
| Total Solids, % by weight | 55.0 |
| Weight per Gallon, lb | 9.1 |
| pH Value | 4.0 |
| Particle Size, µm | 0.30 |
| Viscosity, Brookfield, cP | 50 |
| Minimum Filming Temperature, °C | 2 |
| Glass Transition Temperature, °C | 5 |

¹The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications.

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Product Safety

Before handling the materials listed in this bulletin, read and understand the product MSDS (Material Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information. For environmental, safety and toxicological information, contact our Customer Service Department at 1-866-837-5532 to find an MSDS, or visit our web site: www.arkemacoatingresins.com

No chemical should be used as or in a food, drug, medical device, or cosmetic, or in a product or process in which it may contact a food, drug, medical device, or cosmetic until the user has determined the suitability and legality of the use. Since government regulations and use conditions are subject to change, it is the user's responsibility to determine that this information is appropriate and suitable under current, applicable laws and regulations.

Arkema Coating Resins requests that the customer read, understand, and comply with the information contained in this publication and the current MSDS(s). The customer should furnish the information in this publication to its employees, contractors, and customers, or any other users of the product(s), and request that they do the same.

Storage and Handling

Follow procedures typically recommended for polymer dispersions. Use corrosion-resistant storage tanks and piping. Air-operated diaphragm pumps are preferred. Avoid temperature extremes. Do not freeze; store between 4-40°C.



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