



Owensboro Specialty Polymers, Inc.
Chemistry that Connects, People that Care

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EVERFLEX[®] G

Paint/Coating Emulsion

Everflex G is a high molecular weight vinyl acetate copolymer emulsion. It offers excellent holdout, flow, flexibility, and machining properties. Consequently, it finds wide application in specialty coating applications.

Everflex G is stabilized with hydrolyzed polyvinyl alcohol (PVOH) which imparts better shelf life with less settling. Everflex G is thixotropic. It builds viscosity but thins when sheared. It then thickens back up. This can be very useful in mastics such as tub and tile grout and other high viscosity applications such as thick film and stucco. It lends well to trowling.

Everflex G dries permanently flexible. It is used in some durable exterior, maintenance coating, such as asphalt coatings. It has good wear resistance. Everflex G has been used as a top coat for fabric used to make book covers, and as a concrete additive for patching old concrete. It has been widely used in primers, sealers, and specialty coating applications.

PRODUCT SPECIFICATIONS

Total Solids	51-53%
pH	4.0-6.5
Viscosity	300-700 cps (Brookfield #3 spindle, 60 rpm, 25° C)
Residual Monomer	<1%

TYPICAL LATEX PROPERTIES

Description	Milky white liquid with a slight vinegar odor
Average Particle Size	<2.0 microns (approximate)
Weight/gallon, Emulsion	9.0 pounds
Weight/gallon, Solids	9.76 pounds
Specific Gravity	1.17
Mechanical Stability	20+ minutes
Borax Compatibility	No
Freeze Thaw Stability	No
Shelf Life Recommendation ¹	1 year
Recommended Storage Temperature	35-85° F

TYPICAL FILM PROPERTIES

Color/Clarity	Clear
Gloss	High
Odor	None
Water Resistance	Good
Light Stability	Excellent
Aging Characteristics	Excellent
Film Consolidation	Excellent
Tg	-7° C

1. Maximum recommended shelf life under optimal storage conditions. Shelf life will vary depending on storage conditions.

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