

Additives for Architectural Coatings

Category	Product Name	Code	Product Type	Active Content	Recommended Applications	Product Features	Benchmark Brands
Dispersant	DP-3000	VT000940	Sodium Polycarboxylate	42-46%	Interior wall paint, exterior wall paint	A general-purpose dispersant that provides excellent dispersion of titanium dioxide and inorganic fillers, featuring high dispersion efficiency and good storage stability.	Dow Fast Easy, Nopco 5040, Nouryon 602N
	DP-3000N	VT000941	Ammonium Polycarboxylate	42-46%	Interior wall paint, exterior wall paint	A general-purpose dispersant that provides excellent dispersion of titanium dioxide and inorganic fillers, featuring high dispersion efficiency and good storage stability. Due to the volatilization of ammonium salts, it offers better water resistance than DP-3000.	
	DP-3010	VT000942	Hydrophobic Copolymer Dispersant	30%	Interior wall paints, exterior wall paints, high-gloss paints, water-based industrial paints, etc.	Excellent water resistance, high dispersion efficiency, and low foaming make it suitable for dispersing pigments and fillers in exterior emulsion paints and water-based industrial coatings.	Nopco 5027, Dow 731A
Wetting Agent	WA-090	VT000943	Isomeric Alcohol Polyoxyethylene Ether	/	Interior wall paint, exterior wall paint	An environmentally friendly nonionic surfactant free of APEO, featuring rapid wetting, resistance to gel formation, and ease of use.	Dow, Clariant
Defoamer	DF-007L	VT000944	Mineral Oil Fatty Acid Soap Defoamer	approximately 100%	Interior wall paint, exterior wall paint	A mineral oil-based defoamer with good compatibility, widely used in architectural coatings, waterproof coatings, papermaking, and water-based adhesives.	Nopco NXZ
	DF-008L	VT000945	Silicone Modified Polyether Defoamer	15%	Interior wall paint, exterior wall paint	Offers excellent dynamic defoaming, anti-foaming performance, and long-lasting defoaming capability, with good compatibility	Nopco NXZ
Preservative	SIP-03	VT000946	Kathon Preservative	2.50%	Interior wall paints, exterior wall paints, high-gloss paints, water-based industrial paints, etc.	High-efficiency, broad-spectrum preservative and biocide suitable for water-based and formaldehyde-sensitive systems	Lanxess, Troy
	SIP-05	VT000947	BIT+MIT	5%		Blended eco-friendly product with broad-spectrum antimicrobial activity, suitable for high-temperature and high-pH environments	Lanxess, Troy
	SIP-20	VT000948	BIT	20%		Features excellent thermal stability and a wide pH range, low toxicity, and is biodegradable	Lanxess, Troy
Coalescing Agent	TEX-12	VT000949	Texanol	/	Interior wall paint, exterior wall paint	The most widely used film-forming aid in emulsion paints; insoluble in water with high film-forming efficiency. Improves the water resistance and scrub resistance of the paint film	Eastman Texanol

Rheology Control Agent & Thickener	RM-628	VT000950	ASE (Alkali-Soluble Emulsion) thickener	28%	Interior wall paint, exterior wall paint	High yield value and gel structure; when used in combination with other thickeners, it prevents sagging and is particularly suitable for textured coatings. Resists sedimentation	Dow ASE-60
	RM-930	VT000951	HASE (Hydrophobically modified Alkali-Soluble Emulsion) thickener	30%	Interior wall paint, exterior wall paint	Primary thickener for water-based coatings; provides an optimal balance between anti-sagging and leveling properties, with excellent flow and application drape	Dow TT-935, BASF, Arkema
	RM-730	VT000952		30%	Interior wall paint, exterior wall paint	Anionic rheology modifier, very similar to high-molecular-weight cellulose ether thickeners, with anti-sagging properties	Dow DR-72
	RM-220	VT000953	HEUR (Hydrophically modified Ethoxylated Urethane) thickener	20%	High-end interior and exterior wall paints	A low-odor, high-efficiency high-shear viscosity rheology modifier that provides excellent leveling	Dow RM-2020
	RM-810	VT000954		17.50%	High-end interior and exterior wall paints	High-efficiency KU viscosity thickener, which can also serve as a high-shear rheology modifier in systems with large-particle-size emulsions	Dow RM-8W
	RM-825	VT000955		25%	High-end interior and exterior wall paints	High-efficiency KU and Brookfield viscosity thickener that improves sag resistance while maintaining excellent leveling properties	Dow RM-12W
Hydroxyethyl Cellulose - Thickener	HEC-PT30WSE	VT000410	1600-2600cps	/	Interior wall paint, exterior wall paint	Suitable for water-based emulsion paints and textured coatings, featuring high thickening efficiency, product stability, and good mold resistance	Natrol250HBR
	HEC-PT50WSE	VT000411	2600-3400cps	/	Interior wall paint, exterior wall paint		Natrol250HHBR
	HEC-PT100WSE	VT000412	3400-5200cps	/	Natural Stone Paint		/
Methyl hydroxyethyl cellulose	ME-PT150WS	VT000549	4000-6000cps	/	Natural Stone Paint	Suitable for use in textured coatings, featuring high thickening efficiency and cost-effectiveness	Bermocoll EBS 481
Version:Jul.13,2026							

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