ARKEMA COATING RESINS

Additives for Coatings

Featuring: CRAYVALLAC® and COROC® Additives





HELPING YOU ACHIEVE PERFORMANCE, VALUE AND SUSTAINABILITY IN YOUR COATINGS FORMULATION

Arkema is one of the leading suppliers of raw materials for coatings. Our objective is simple — help all of our coatings customers grow by meeting their needs, on every continent, for:

- Enhanced performance through innovative product technology that includes waterborne, solventborne, photocure, high solids, and powder coating resins; additives and rheology modifiers; and a wide range of specialty materials.
- Enhanced value by offering choices that help you find the best balance of performance and cost.
- Enhanced sustainability by providing products and technology that help you meet specific environmental regulations as well as your own sustainability goals.

Arkema Coating Resins is the manufacturer and supplier of the CRAYVALLAC® and COROC® range of additives, used in the coating industry since the 1960's. We are very proud of the reputation and trust that we have developed with our customers around the world — as a leading and serious provider of rheological, flow and levelling, matting, texturing, slip and rub solutions.

Our strategic direction to bring continuous new product development and innovation is led from our central R&D facility in France, which is supported by our regional application laboratories around the world, including Brazil, China, France, Malaysia, Spain and the USA

Our Regulatory Affairs team ensures our products comply with the ever demanding and growing regulations around the world. Sustainability, and being a socially responsible partner with our customers, employees and the communities where we operate, continues to be a focus of our business.

Our product range is stocked and sold in over 100 countries, and locally supported by our dedicated team of experts.

For more information please visit our website at

www.arkemacoatingresins.com.

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A wide range of products to meet your application needs

Arkema Coating Resins' range of CRAYVALLAC® coating modifiers have been developed to help formulators improve the performance of solvent-free and solvent-based coatings. These modifiers are divided into three categories:

- Rheology Modifiers for the control of sedimentation and sag resistance
- Surface Modifiers, based on polyethylene, polypropylene and PTFE, for the control of surface lubricity and appearance
- Flow & Levelling agents for the enhancement of surface aspect

Rheology Modifiers

For rheology control, Arkema offers the formulator a wide range of products based on a variety of chemistries by a Castor derivative, Amide, Urethane, Oxidised polyethylene, to achieve the following performances:

- Sag control
- Anti-settling
- Low thickening at high shear
- Good levelling
- Recoatability
- Transparency

Surface Modifiers

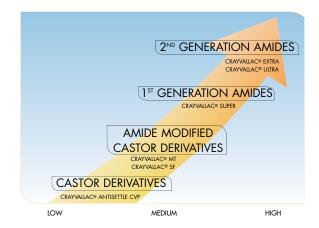
Arkema's CRAYVALLAC® range of surface modifiers are mainly based on polyethylene, polypropylene and PTFE. These products are available as micronised powders or dispersions of micronised powder in water or solvent. These high performance products enable the formulator to control both the lubricity and appearance of coatings. The following performance enhancements are to be obtained by using these products:

- Gloss and matt control
- Slip and scratch
- Mar, rub and abrasion
- Sanding aids
- Solvent resistance and water repellency
- Blocking resistance

Flow and Levelling Agents

CRAYVALLAC® and COROC® additives are high performance flow and levelling agents for the control of coating surface properties. Based on polyester and acrylic chemistries, they have been developed to provide the following benefits:

- Eliminate film surface defects
- Improve substrate wetting
- Air release properties
- Defoaming properties



SOLVENT STRENGTH



PROTECTIVE COATINGS & MARINE PAINTS

Rheology Modifiers

CRAYVALLAC®	Product Form	Addition level (wt %)	Incorporation	Features
MT	Powder	0.2 – 2.0	High speed dispersion during millbase grind: • 35-75°C (95-165°F) in aliphatic hydrocarbon solvents • 30-50°C (85-120°F) in aromatic hydrocarbons solvents	Mainly recommended in alkyds and acrylics. Can also be used in epoxy and PU coatings
Super	Powder	0.5 – 2.0	High speed dispersion during millbase grind: • 50-75°C (120-165°F) in aliphatic hydrocarbon solvents • 40-50°C (100-120°F) in aromatic hydrocarbons solvents, esters, ketones, alcohols and blends of strong solvents	Recommended in top-coats (PU, polyester, alkyd, acrylic). Excellent sag control with low thickening
Ultra	Powder	0.5 – 1.5	High speed dispersion during millbase	Mainly recommended in epoxy, NISO, silicate and polyaspartic
Extra	Powder	0.5 – 1.5	grind at 45-65°C (113-150°F) in aromatic hydrocarbon:alcohol blends.	coatings. Allows excellent recoatability and sag control
LV	Powder	0.5 – 2.0	High speed dispersion between 45°C and 60°C in solvent-free systems	For solvent-free epoxy and PU coatings
60P	Powder	0.3 – 5.0	High speed dispersion during millbase grind at 50°C minimum	For anti-settling properties in high solids and solvent-free epoxy coatings
60X	Paste	0.5 – 1.5		Prevents from settling without significant increase in viscosity
PA3 X 20	Paste	0.5 – 5.0		Mainly used in epoxy and PSO coatings, providing excellent sag control and anti-settling
PA4 X 20	Paste	0.5 – 5.0	Incorporation under medium or moderate speed dispersion	Provides excellent transparency on top of sag control and anti-settling. Mainly used in PU
PA3 BA 20	Paste	0.5 – 5.0		HAP's free paste for sag control and
PA4 BA 20	Paste	0.5 – 5.0		anti-settling, with better transparency for the PA4 grade
LA-150	Liquid	0.1 – 1.0	Pourable liquid with simple stir-in	Thixotropic behaviour for PU, NISO and epoxy coatings
LA-350	Liquid	0.1 – 2.0	incorporation, under medium shear. Suitable for post-addition	Provides anti-settling properties in water-based acrylic and epoxy coating

CRAYVALLAC® / COROC®	Addition level (wt %)	Technology	Features
Flow-100	0.2 – 2.0	Polyacrylate (solvent free)	Improves surface aspect in solventborne acrylic, PU and epoxy coatings
Flow-200	0.1 - 2.0	Polyester (solvent free)	Improves substrate wetting and surface aspect in PU and polyester coatings
A-620-A2	0.5 – 1.0	Polyacrylate in solvent	Improves surface aspect in solventborne acrylic and PU coatings
A-2201-M	0.5 – 1.0	Polyacrylate in solvent	Air release properties. Mainly used in solventborne acrylic and PU coatings
A-2678-M	0.5 – 2.0	Polyacrylate in water/glycol	Suitable for water-borne acrylic and epoxy protective coatings, with substrate and pigment wetting properties

Slip and Abrasion Resistance

CRAYVALLAC®	d ₅₀ / d ₁₀₀ (µm)	Dropping point (°C)	Technology	Features
WN-1495	4.5 / 20	112	Polyolefin powder	Economical wax to improve slip, anti-blocking, mar and rub resistance. Fine particle size.
WF-3200	5.0 / 25	112	PTFE-based powder	Versatile wax with high slip and lubricity. Improves anti-blocking, abrasion, mar resistance and surface hardness.
WF-1000	7.5 / 30	325	PTFE powder	Excellent abrasion, mar, rub and temperature resistance. Lowest coefficient of friction.
WW-1077	6.0 / 25	112	PTFE-based aqueous dispersion	Gives exceptional slip, scuff and rub resistance for demanding applications. Wide compatibility and excellent stability in waterbased systems. 50% wax content





INDUSTRIAL WOOD COATINGS

Rheology Modifiers

CRAYVALLAC®	Product Form	Addition level (wt %)	Incorporation	Features
LV	Powder	0.2 – 1.5	High speed dispersion at 30-45°C in solventborne coatings and at 35-50°C in solvent-free or high solid systems. Avoid very high polarity solvents	Cost-effective solution (100% solid) providing a good balance between sag control / anti-settling and levelling
PA4 X 20	Paste	0.5 – 5.0	Incorporation under medium or	Provides excellent sag control, anti-settling and transparency, with good levelling. Suitable for all solventborne systems
PA4 BA 20	Paste	0.5 – 5.0	moderate speed dispersion during 5 to 15 minutes If post-addition, it is recommended to incorporate the paste pre-diluted, at 10% to 30% in solvent	Aromatic-free paste for sag control and anti-settling, with good transparency
PA3 X 20	Paste	0.5 – 5.0		Higher sag-control and anti-settling properties, for primers and pigmented solventborne systems
PA3 BA 20	Paste	0.5 – 5.0		Aromatic-free version of the PA3 X 20
LA-150	Liquid	0.1 – 1.0	Pourable liquid with simple stir-in incorporation, under medium shear	Anti-settling and sag control additive. Viscosity adjustment and good transparency
LA-350	Liquid	0.1 – 1.0	Pourable liquid with high speed stir-in incorporation in pigment concentrates	Provides anti-settling properties to water-based coating and pigment concentrates

Coatex thickeners are also specially recommended for water-based Industrial Wood Coatings (contact us)

Additives for stains and architectural wood coatings are mentioned in the Architectural section.

Flow and Levelling Additives

CRAYVALLAC® / COROC®	Addition level (wt %)	Technology	Features
Flow-450	0.5 – 1.5	Polyacrylate in aromatic-free solvent	Excellent levelling with defoaming properties and good compatibility in difficult systems
Flow-100	0.2 – 1.0	Polyacrylate (solvent free)	Improves surface aspect. Mainly used in unsaturated polyesters
Flow-200	0.1 – 1.0	Polyester (solvent free)	Improves substrate wetting and surface aspect in solventborne and solvent-free coatings. Widely used in solvent-free UV coatings
A-2678-M	0.2 – 1.5	Polyacrylate in water/glycol	Suitable for water-borne sealers, top-coats and pigment concentrates. Provides defoaming properties with substrate and pigment wetting properties

Matting Agents (Including micronized powder and aqueous dispersions)

CRAYVALLAC®	d ₅₀ / d ₁₀₀ (µm)	Dropping point (°C)	Technology	Features
WN-1135	5.5 / 26	151	Modified polypropylene (Powder)	For satin finish. Excellent dispersability, hydrophobicity, slip and mar resistance
WN-1110	4.5 / 21	151	Modified polypropylene (Powder)	Improved transparency in thin layers while maintaining slip and anti-blocking. Good abrasion resistance
WN-1875	6.0 / 30	>200	Cross-linked polymer (Powder)	Strong matting effect and stain resistance in all liquid coatings, specially indicated for water-based wood coatings and UV curing systems. No chalking and high heat resistance
WW-1001	d ₅₀ = 6.0	112	Polyolefin aqueous dispersion	Excellent stability with high slip, abrasion and rub resistance in water-based coatings. Good compatibility and rapid dispersion. 40% wax content
WW-1074	d ₅₀ = 7.0	125	Polyolefin aqueous dispersion	High slip, abrasion and rub resistance, with water repellent properties. Wide compatibility in water-based coatings. 40% wax content
WW-1077	d ₅₀ = 6.0	112	PTFE-based aqueous dispersion	Gives exceptional slip, scuff and rub resistance for demanding applications. Wide compatibility and excellent stability in water-based systems. 50% wax content
WW-9500	d ₅₀ = 6.0	151	Modified polypropylene wax in aqueous dispersion	Improves mar, rub and water resistance as well as slip and anti-blocking. 35% wax content

Sanding Aids and Abrasion Resistance Agents

CRAYVALLAC®	d ₅₀ / d ₁₀₀ (µm)	Dropping point (°C)	Technology	Features
WN-1265	5.5 / 30	146	Modified amide	Improves sandability in solvent and water-based wood finishes. Avoids blooming in acid curing systems. Increases slip and mar resistance
WF-3200	5.0 / 25	112	PTFE-based powder	Reduces dirt pick-up and metal mark- ing. High slip. Improves anti-blocking, abrasion, mar resistance and surface hardness





POWDER COATINGS

Flow, Levelling and Degassing Additives

Product	Product Form	Melting point or Mw	Technology	Features
CRAYVALLAC® PC	Pure additive	83-88°C	Castor derivative	Highly efficient flow, levelling and degassing additive. Particularly recommended for PRIMID® systems
CRAYVALLAC® MT	Pure additive	130-140°C	Castor derivative	Similar features to CRAYVALLAC® PC
CRAYVALLAC® WN-1265	Pure additive	146°C	Amide	Improves degassing, flow and levelling properties. Recommended for PRIMID® systems
REAFREE® F3300-A15	Master- batch	High Mw (>50.000)		Masterbatch at 15% in hydroxylated polyester. Recommended to improve levelling of pigmented powder coatings
REAFREE® F8585-R10	Master- batch	I a AA	Acrylic	Masterbatch at 10% in carboxylated polyester. Recommended to improve levelling of PRIMID® based pigmented coatings
REAFREE® F3300-R10	Master- batch	Low Mw (<15.000)		Masterbatch at 10% in hydroxylated polyester. Recommended to improve levelling of pigmented and clear coatings



Matting Agents

CRAYVALLAC®	Dropping point (°C)	Technology	Features
WN-1135	141-160	Modified polypropylene	General matting agent, improving all surface properties, specially degassing, slip and mar resistance
WN-1150	113	Modified polyethylene	Gloss control for Hybrid, TGIC and PRIMID® systems. No negative effects on weatherability and physical properties
WN-1442	112	Polyolefin	Improves also the slip and mar resistance. Degassing aid
EF-30P	125 (Tg)	Polyester	Matting agent for pure epoxy and epoxy/polyester powder coating formulations. Excellent results in combination with REAFREE® 6489. Very good stability

Texturing and Abrasion Resistance

CRAYVALLAC®	Dropping point (°C)	Technology	Features
WF-1039	112	PTFE-based	Fine textured finish effect, with good abrasion, temperature and solvent resistance
WF-3200	112	PTFE-based	Versatile wax providing high slip and anti-blocking. Improves abrasion, mar resistance and surface hardness
WN-1875	>200	Polymeric	Increases surface hardness and scratch resistance. Advised for UV powder coatings. Reduces pill flow



AUTOMOTIVE COATINGS & VEHICLE REFINISHES

Rheology Modifiers

CRAYVALLAC®	Product Form	Addition level (wt %)	Incorporation	Features
Antisettle CVP	Powder	0.2 – 1.5	High speed dispersion at 30 to 55°C (85-130°F) in hydrocarbon solvents	Recommended for polyester putties, to provide anti-settling, high body and sag control. Not suitable for strong/ polar solvent-based applications
MT	Powder	0.2 – 2.0	High speed dispersion during millbase grind: • 35-75°C (95-165°F) in aliphatic hydrocarbon solvents • 30-50°C (85-120°F) in aromatic hydrocarbons solvents	Recommended for polyester putties if seeding issues with CRAYVALLAC® Antisettle CVP, to provide anti-settling, high body and sag control
SF	Powder	0.2 – 1.5	High speed dispersion during millbase grind 35-65°C (85-150°F) in aromatic hydrocarbons solvents	Recommended for polyester putties as an alternative of CRAYVALLAC® MT, to provide anti-settling, high body and sag control
Super	Powder	0.5 – 2.0	High speed dispersion during millbase grind: • 35-75°C (95-165°F) in aliphatic hydrocarbon solvents • 30-50°C (85-120°F) in aromatic hydrocarbons solvents	Recommended in primers, base-coats and some top-coats. Excellent sag control and edge covering, with low thickening
PA4 X 20	Paste	0.5 – 5.0		Mainly used in top-coats to provide sag resistance, film transparency, gloss retention and edge covering
PA4BA20	Paste	0.5 – 5.0	Incorporation under medium or	Aromatic-free version of the CRAYVALLAC® PA4 X 20
PA3 X 20	Paste	0.5 – 5.0	moderate speed dispersion	Mainly used in primers and base- coats for anti-settling, sag resistance and edge covering
PA3BA20	Paste	0.5 – 5.0		Aromatic-free version of the CRAYVALLAC® PA3 X 20
LA-150	Liquid	0.1 – 1.0		Anti-settling and sag control additive for primers and base-coats. Viscosity adjustment and good transparency
LA-350	Liquid	0.1 – 2.0	Pourable liquid with simple stir-in incorporation under medium shear	For water-based primers and base-coats, to bring anti-settling properties, viscosity adjustment and good transparency

CRAYVALLAC® / COROC®	Addition level (wt %)	Technology	Features
Flow-450	0.5 – 2.5	Polyacrylate in aromatic-free solvent	Excellent levelling with defoaming properties. Good transparency
Flow-100	0.2 – 2.0	Polyacrylate (solvent free)	Improves surface aspect in primers and base-coats
Flow-200	0.1 – 2.0	Polyester (solvent free)	Improves substrate wetting and surface aspect in solvent-borne coatings. Good transparency
A-2678-M	0.5 – 2.0	Polyacrylate in water/glycol	Suitable for water-borne primers and base-coats. Provides defoaming and substrate wetting properties





CAN AND COIL COATINGS

Rheology Modifiers

CRAYVALLAC®	Product Form	Addition level (wt %)	Incorporation	Features
Super	Powder	0.5 – 2.0	High speed dispersion during millbase grind: • 35-75°C (95-165°F) in aliphatic hydrocarbon solvents • 30-50°C (85-120°F) in aromatic hydrocarbons solvents	Excellent sag control and edge covering, with low thickening
PA4 X 20	Paste	0.5 – 5.0		Provides excellent sag control, anti-settling and transparency, with good levelling. Suitable for all solventborne systems
PA4 BA 20	Paste	0.5 – 5.0	Incorporation under medium or moderate speed dispersion	Aromatic-free paste for sag control and anti-settling, with good transparency
PA4 WDA 12	Paste	1.0 – 5.0		Higher transparency paste, with good sag control, anti-settling and easier dispersion
LA-150	Liquid	0.1 – 2.0	Pourable liquid with simple stir-in incorporation under medium shear	Anti-settling additive, also used for viscosity adjustment, with good transparency

Abrasion and Scratch Resistance Agents

CRAYVALLAC®	d ₅₀ / d ₁₀₀ (µm)	Dropping point (°C)	Technology	Features
WN-1495	4.5 - 20	112	Polyolefin powder	Versatile wax to improve slip, anti- blocking and mar and rub resistance
WN-1265	5.5 / 30	146	Modified amide powder	Increases slip and mar resistance, with higher temperature resistance than polyolefin waxes
WF-3200	5.0 / 25	112	PTFE-based powder	Versatile wax with high slip and lubricity. Improves anti-blocking, abrasion, mar resistance and surface hardness
WF-6010	5.0 / 25	112	PTFE-based powder	Similar to WF-3200 but gives higher lubricity, blocking and abrasion resistance. Suitable where more demanding technical properties are required
WF-1000	7.5 / 30	325	PTFE powder	Highest abrasion, mar, rub and temperature resistance. Lowest coefficient of friction

CRAYVALLAC® / COROC®	Addition level (wt %)	Technology	Features
Flow-450	0.5 – 2.5	Polyacrylate in aromatic-free solvent	Excellent levelling with defoaming properties and good compatibility in many systems
Flow-100	0.2 – 2.0	Polyacrylate (solvent free)	Improves surface aspect
Flow-200	0.1 – 2.0	Polyester (solvent free)	Improves substrate wetting and surface aspect in solventborne and solvent-free coatings
A-620-A2	0.2 – 2.0	Polyacrylate in solvent	Improves levelling and gloss. Eliminates cratering and pinholes
A-2201-M	0.2 – 2.0	Polyacrylate in solvent	Very effective air release additive to improve edge bursts. Also improves flow, levelling, gloss and eliminates orange peel, cratering and pinholes
A-72-A2-60	0.2 – 2.0	Polyacrylate in solvent	Higher molecular weight version of the A-620-A2
A-2678-M	0.5 – 2.0	Polyacrylate in water/glycol	For elimination of orange peel, cratering and pinholes in water-based systems. Also an effective pigment wetting agent and provides some defoaming properties

Matting Agents

CRAYVALLAC®	d ₅₀ / d ₁₀₀ (µm)	Dropping point (°C)	Technology	Features
WN-1135	5.5 / 26	151	Modified polypropylene (Powder)	For satin finish. Excellent dispersability, hydrophobicity, slip and mar resistance
WN-1110	4.5 / 21	151	Modified polypropylene (Powder)	Improved transparency in thin layers while maintaining slip and antiblocking. Good abrasion resistance





ARCHITECTURAL COATINGS

Rheology Modifiers

CRAYVALLAC®	Product Form	Addition level (wt %)	Incorporation	Features
MT	Powder	0.2 – 2.0	High speed dispersion during millbase grind at 35-60°C (95-150°F) in aliphatic hydrocarbon solvents	General purpose thixotrope for solventborne coatings
Super	Powder	0.5 – 2.0	High speed dispersion during millbase grind at 35-75°C (95-165°F) in aliphatic hydrocarbon solvents	Excellent sag control with low thickening and good levelling balance. Suitable for premium quality, architectural solventborne paints
PA3 WDA 20	Paste	0.5 – 5.0		Paste in mineral oil to provide excellent anti-settling and sag control properties with good levelling properties
PA4 WDA 12	Paste	1.0 – 5.0	Incorporation under medium or moderate speed dispersion	Softer version of PA3 WDA 20, with much easier incorporation. Suitable for aerosols, wood stains and decorative paints
LA-250	Liquid	0.1 – 2.0	Pourable liquid with simple stir-in	Anti-settling and sag control additive, with excellent levelling properties. Also used for viscosity adjustment
LA-350	Liquid	0.1 – 2.0	incorporation, under medium shear. Suitable for post-addition	Provides anti-settling properties to water-based coating, with excellent levelling properties



Abrasion and Scratch Resistance

CRAYVALLAC®	d ₅₀ / d ₁₀₀ (µm)	Dropping point (°C)	Technology	Features
WN-1495	4.5 / 20	112	Polyolefin powder	Versatile wax to improve slip, anti- blocking and mar and rub resistance
WF-3200	5.0 / 25	112	PTFE-based powder	Higher slip and lubricity performances. Improves anti-blocking, abrasion, mar resistance and surface hardness

Matting Agents

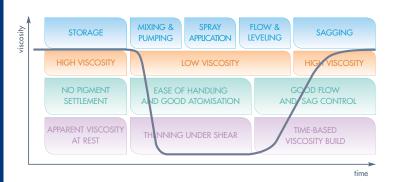
CRAYVALLAC®	d ₅₀ / d ₁₀₀ (µm)	Dropping point (°C)	Technology	Features
WN-1135	5.5 / 26	151	Modified polypropylene (Powder)	For satin finish. Excellent dispersability, hydrophobicity, slip and mar resistance
WW-1001	$d_{50} = 6.0$	112	Polyolefin aqueous dispersion	Excellent stability with high slip, abrasion and rub resistance in water-based coatings. Good compatibility and rapid dispersion. 40% wax content
WW-1074	$d_{50} = 7.0$	125	Polyolefin aqueous dispersion	High slip, abrasion and rub resistance, with water repellent properties. 40% wax content
WW-1077	d ₅₀ = 6.0	112	PTFE-based aqueous dispersion	Gives exceptional slip, scuff and rub resistance for demanding applications. Wide compatibility and excellent stability in water-based systems. 50% wax content



GENERAL INDUSTRIAL COATINGS

Rheology Modifiers

CRAYVALLAC®	Product Form	Addition level (wt %)	Incorporation	Features
MT	Powder	0.2 – 2.0	High speed dispersion during millbase grind: • 35-75°C (95-165°F) in aliphatic hydrocarbon solvents • 30-50°C (85-120°F) in aromatic hydrocarbons solvents	General purpose thixotrope for industrial coatings where solvent strength and incorporation temperature are not extreme
Super	Powder	0.5 – 2.0	High speed dispersion during millbase grind: • 35-75°C (95-165°F) in aliphatic hydrocarbon solvents • 30-50°C (85-120°F) in aromatic hydrocarbons solvents	Recommended in top-coats, with ex- cellent sag control, low thickening and good levelling
Ultra	Powder	0.5 – 1.5	High speed dispersion during millbase grind at 45-65°C (113-150°F) in aromatic hydrocarbon:alcohol blends.	Allows excellent recoatability, sag control and anti-settling properties
PA4 X 20	Paste	0.5 – 5.0	Incorporation under medium or	Provides excellent sag control, trans- parency and anti-settling properties, with good levelling
PA4 BA 20	Paste	0.5 – 5.0	moderate speed dispersion	Aromatic-free version of the CRAYVALLAC® PA4 X 20
LA-150	Liquid	0.1 – 1.0	Pourable liquid additives with simple	Rheological additive with excellent levelling and good anti-settling and sag resistance
LA-350	Liquid	0.1 – 2.0	stir-in incorporation (medium shear)	Provides anti-settling properties to water-based coating



CRAYVALLAC® rheology modifiers provide coatings with a high viscosity under the low shear conditions which are typical of storage, resulting in excellent anti-sedimentation characteristics in pigmented systems thus maintaining a good dispersion and preventing hard settling.

In addition, the excellent shear thinning behaviour of the CRAYVALLAC® rheological additives ensures that coatings are easily applied under the high shear conditions of application by either brush, roller or spray.

Following application, the thixotropic nature of the CRAYVALLAC® rheology modifiers, or time dependent viscosity recovery, provides sufficient time for good flow and levelling, yet enables sufficient viscosity build up to prevent sag.

CRAYVALLAC® / COROC®	Addition level (wt %)	Technology	Features
Flow-450	0.5 – 2.5	Polyacrylate in aromatic-free solvent	Excellent levelling with defoaming properties
Flow-200	0.1 – 2.0	Polyester (solvent free)	Improves substrate wetting and surface aspect in solvent-borne and solvent free coatings
A-2678-M	0.5 – 2.0	Polyacrylate in water/glycol	For elimination of orange peel, cratering & pinholes in water-based systems. Also effective as pigment wetting agent





ARKEMA'S PRODUCT PORTFOLIO FOR COATINGS APPLICATIONS INCLUDES:

- Waterborne, solventborne and powder coating resins from Arkema Coating Resins.
- Rheology additives for non-aqueous coatings and adhesives from Arkema Coating Resins.
- Rheology additives for water borne coatings from Coatex.
- High added value photocure resins for fiber optics, graphic arts, electronics, etc. from Sartomer.
- Enhanced waterborne polymer emulsions using KYNAR® and KYNAR® Aquatec fluoropolymers.
- High performance texturing additives, namely ORGASOL® and RILSAN® fine powders.
- Amines, oxygenated solvents, and DMSO polar aprotic solvent for special formulations.
- Nanostructured materials.
- Acrylic monomers.





Europe

Headquarters

- Arkema Colombes, France
- Coatex Genay, France

• Technical and R&D Centers

- Boretto, Italy Coating Resins
- Genay, France Coatex
- Sant Celoni, Spain Coating Resins
- Verneuil, France Coating Resins Sartomer

Production Facilities

- Boretto, Italy Coating Resins
- Brummen, The Netherlands Coating Resins
- Drocourt, France Coating Resins
- Gissi, Italy Coating Resins
- Genay, France Coatex
- Moerdijk, The Netherlands Coatex
- Mollet, Spain Coating Resins
- Sant Celoni, Spain Coating Resins
- Stallingborough, United Kingdom Coating Resins
- Villers St-Paul, France Coating Resins Sartomer
- Zwickau, Germany Coating Resins

Americas

Headquarters

- Arkema Coating Resins Cary, NC
- Arkema Inc. King of Prussia, PA

• Technical and R&D Centers

- Araçariguama, Brazil Coatex -Coating Resins
- Cary, NC Coating Resins
- Chester, SC Coatex
- King of Prussia, PA
- North Kansas City, MO Coating Resins

Production Facilities

- Alsip, IL Coating Resins
- Araçariguama, Brazil Coatex Coating Resins
- Chester, SC Coatex
- Grand Rapids, MI Coating Resins
- North Kansas City, MO Coating Resins
- Saint Charles, LA Coating Resins
- Saukville, WI Coating Resins
- Torrance, CA Coating Resins

Africa

Production Facilities

- Isipingo Durban, South Africa - Coating Resins

Asia

Headquarters

- Arkema Greater China Shanghai, China
- Arkema K.K. Tokyo, Japan

• Technical and R&D Centers

- Changshu, China Coatex
- Guangzhou, China Sartomer Coating Resins
- Kyoto Technical Center, Japan
- Navi Mumbai, India Coating Resins
- Pasir Gudang, Malaysia Coating Resins

Production Facilities

- Changshu, China Coatex Coating Resins Kynar
- Kunsan, Korea Coatex
- Navi Mumbai, India Coating Resins
- Pasir Gudang, Malaysia Coating Resins

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