

PAINTS
COATINGS
INKS

CERAMIC
REFRACTORIES

PLASTIC
POLYMERS
PAPER

TEXTILES

SYNTHETIC RESINS
RUBBER

PHARMACEUTICALS

OILFIELD
PETROLEUM

LEATHER

PERSONAL
HOME
&
INDUSTRIAL CARE



Rank[®]
Additives

PERFORMANCE ADDITIVES &
SPECIALTY PRODUCTS

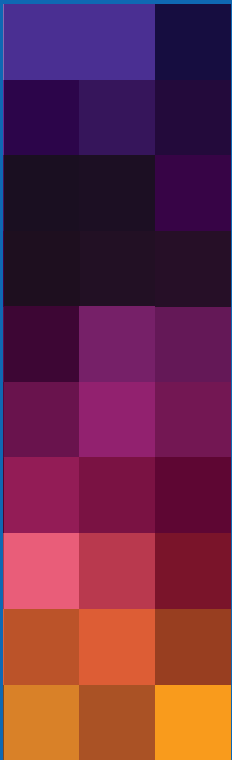
COMPANY Profile

Rank Techno Chem Industries was incorporated in 2002 located at Godhra, state of Gujarat, India. After changed status of our firm from Partnership to Private Limited Company, which has renamed as **Rank Additives Pvt Ltd**, on 16th JUNE 2006.

Rank Additives as a one of the world's leading specialty additives companies, **Rank Additives** contributes to value creation with innovative and sustainable solutions for customers from many industries. Our portfolio is designed to meet very specific needs with as much precision as possible. At the same time, our research and development is focused on addressing the key trends of our time. These include energy efficiency, renewable raw materials, emission-free mobility, and conserving finite resources.

Our business unit is divided into many business areas such as

- Performance Additives for Paints, Coatings and Inks
- Performance Chemicals for Leather
- Performance Chemicals for Textiles
- Performance Additives for Oilfield and Petroleum
- Performance Additives for Plastic and Polymers
- Performance Additives for Paper and Pulp
- Personal and Home & Industrial Care Products
- Pharmaceuticals Ingredients Ceramic and Refractories Chemicals
- Performance Additives for Synthetic Resins and Rubber



PRODUCTION & Quality

Rank Additives is dedicated to supplying its customers in a timely fashion with products which meet or exceed expectations.

Semi continuous, batch process with individual batch 0.500 MT to 8 MT and more than 250 different products with chemicals combinations and different production techniques to get optimum results in terms of cost, quantity, services, stringent quality control at each stage of production to meet customer satisfactions and achieve the set mission of becoming the most preferred speciality additive supplier.

Our company is ISO – 9001 : 2015 certified.





Performance Additives for Construction Industry

Our strengths..... Your advantage

- Widest product range
- Technical information and expertise
- Tailor made solutions
- On time in full deliveries
- Reliable product supply
- In depth industry knowledge
Indian network of local sales, technical
and distribution teams providing rapid
response to customer enquiries
- Serious about safety, product
Stewardship and the environment

WE WANT TO
Meet Your Needs



Anti-Settling Agent
Accelerators and Strength Enhancer Additives
Adhesion Promoter
Amphoteric Emulsifiers
Air-entraining Agents
Biocides
Castor Polyols
Defoamer
Dispersing Agent
Emulsifier Water-Add
Emulsifiers
Emulsifier and Concrete Mould Release Agent
Non-ionic Emulsifiers
Wetting Agents
Wax Emulsions



Additives for Water-Borne

Product Name	Solid	Chemical Description	Appearance	Application
Anti Settling Agent				
Rank Antiset - 117	28 %	Surface Active Agent	Liquid	It is an anti-settling agent for aqueous based and adhesive sealant system to help prevent the deposition of pigments.
Accelerators and Strength Enhancer Additive				
TEA	85%	Triethanolamine	Liquid	Enhance early hydration of cement, hence increasing early strength development in concrete.
Air-entraining Agents				
Rank Add-ADC	100 %	Fatty acid amide derivatives	Liquid	It is excellent co-surfactant for foaming agent to improve compressive strength, while maintaining foam volume and foam distribution.
Rank Add–AEA	28 %	Sodium alkyl sulphate	Liquid	It is nonionic compound used as a concrete additive for increase the strength and workability of concrete also excellent foaming and detergency properties of formulations.
Biocides				
Rank Add-SAF	-	CMIT/ MIT+ Formaldehyde	Liquid	It is an in-can preservative, for the complete in-can microbiological protection of industrial water-based products against bacterial and fungal spoilage in the wet state.
Rank Add-SPC	-	CMIT/MIT	Liquid	It is an in-can preservative, for the complete in-can microbiological protection of industrial water-based products against bacterial and fungal spoilage in the wet state.

Product Name	Solid	Chemical Description	Appearance	Application
Castor Polyols				
Rank Add–CE/70	70%	Natural oil-based polyol	Liquid	Castor emulsion enables the use of formulations with high filler ratios. In combination with other Polyols and cross-linked with MDI, Castor emulsion is suitable for use in the formulation of four-component coatings.
Rank Add–CE/100	100%	Natural oil-based polyol	Liquid	It is used for solvent-free, water thinnable cementations polyurethane type floor coatings.
Defoamers				
Rank DF–EP/7168	100 %	Block copolymer	Liquid	It is effective defoamer in maintaining air content for use in conjunction with polycarboxylate superplasticizer for concrete application.
Rank DF–EP/5000	100 %	Block copolymer	Liquid	It is effective defoamer in maintaining air content for use in conjunction with polycarboxylate superplasticizer for concrete application.
Rank DF–EP	100 %	Block copolymer	Liquid	It is special defoamer for use in conjunction with PCE super plasticizer for concrete. Forms a clear isotropic solution with a long shelf life when mixed with PCE.
Rank AF–2217	17 %	Silicone emulsion of hydrophobic solid	Liquid	It is silicone-containing defoamer for aqueous formulation.
Rank AF–2220	20 %	Silicone emulsion of hydrophobic solid	Liquid	It is a silicone emulsion for premium aqueous-based formulation.

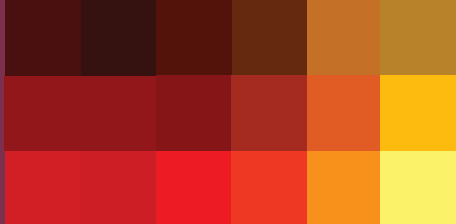
Product Name	Solid	Chemical Description	Appearance	Application
Defoamers				
Rank AF–2410	100%	Modified alcohol and polysiloxane	Liquid	It is a defoamer for non-pigmented and low-pigmented for aqueous-based formulation.
Rank AF–2888	100%	Polymers and hydrophobic solids	Liquid	It is a silicone free and mineral oil free defoamer for aqueous-based formulations.
Rank DF–3065	100 %	Mineral oil base, containing of silicone	Liquid	It is a defoamer developed to provide efficient and economical recommended for adhesives, roof coatings, cementations and asphalt modifications.
Rank DF–NDWF	100 %	Blend of mineral oil with fatty ester	Liquid	It is effective and economical defoamer for latex, adhesive, roof coatings, sealants, asphalt modifications, and EIFS.
Rank Foamset–NXZ 6	100 %	Based in mineral oil	Liquid	It is multi-purpose mineral oil defoamer for water-based formulations.
Rank DF–DP/65	100%	Liquid hydrocarbon and emulsifier on an inorganic carrier	Powder	It is powder defoamer, release air, anti-foaming agent used in wide range of construction materials including mortar mixes, self-leveling cements, plaster and polymer modified concrete formulations.

Product Name	Solid	Chemical Description	Appearance	Application
Dispersing Agents				
Rank Add–630	100%	Ammonium salt of polyacrylic acid	Liquid	It is a dispersant for inorganic fillers and pigments water-borne formulation.
Rank Add–645	100%	Ammonium salt of polyacrylic acid lids	Liquid	It is a stabilizes the pigments and fillers by electrostatic repulsion and is recommended for all aqueous based formulation.
Rank Add–835	100 %	Sodium salt of polyacrylic acid	Liquid	It is a stabilizes the pigments and fillers by electrostatic repulsion and is recommended for all aqueous based formulation.
Rank Add–840	100 %	Sodium salt of polyacrylic acid	Liquid	It is low viscosity dispersing agent for inorganic pigment sands extenders with increase hydrophobicity.
Rank Add–190	100 %	Modified fatty alcohol polyglycolether	Liquid	It is a universal, non-ionic low molecular weight wetting and dispersing agent. It is recommended for adhesives, air weather barriers, cementations, sealants, fiber bonding and EIFS.
Rank Add–191	100%	Modified of polyacrylates	Liquid	It is a VOC and solvent free wetting and dispersing agent for organic pigment and carbon black.

Product Name	Solid	Chemical Description	Appearance	Application
Surfactants cum Emulsifiers				
Rankeos–C1012/5	100%	Polyethylene fatty ether	Liquid	It is nonionic emulsifier to provides excellent stability of the emulsion.
Rankeos–C10/7W	80%	Polyethylene fatty ether	Liquid	It is nonionic emulsifier to provides excellent stability of the emulsion.
Rankeos–C911/250	100 %	Polyethylene fatty ether	Liquid	It is nonionic emulsifier to provides excellent stability of the emulsion.
Rankeos–C1214/3	100 %	Polyethylene fatty ether	Liquid	It is nonionic emulsifier to provides excellent stability of the emulsion.
Rankeos–C1215/7W	90 %	Polyethylene fatty ether	Liquid	It is nonionic emulsifier to provides excellent stability of the emulsion.
Rankeos–C1215/11W	90%	Polyethylene fatty ether	Liquid	It is nonionic emulsifier to provides excellent stability of the emulsion.
Rankeos–C13/600	100 %	Polyethylene fatty ether	Liquid	It is nonionic emulsifier to provides excellent stability of the emulsion.

Product Name	Solid	Chemical Description	Appearance	Application
Surfactants cum Emulsifiers				
Rankest–EGMS	100%	Glycol stearate	Flake	It is nonionic emulsifier to provides excellent stability of the emulsion.
Rankest–EGDS	100 %	Glycol stearate	Flake	It is nonionic emulsifier to provides excellent stability of the emulsion.
Rankeos–CO/12	100 %	Polyethylene natural oil	Liquid	It is a provides excellent stability of the emulsion-based vegetable oil formulations.
Rankeos–CO/30	100 %	Polyethylene natural oil	Liquid	It is a provides excellent stability of the emulsion-based vegetable oil formulations.
Rankeos–CO/40	100 %	Polyethylene natural oil	Liquid	It is a provides excellent stability of the emulsion-based vegetable oil formulations.
Wax Emulsion				
Rank Add–PF/40	40 %	Based on paraffin	Liquid	It is used in manufacturing of construction chemicals for protection of concrete against corrosion and rust by improving water resistance as water can weaken or damage concrete. It is recommended for use in cement admixtures as curing additives.

Product Name	Solid	Chemical Description	Appearance	Application
Wetting Agents				
Rankcos–1618/50	100%	Polyethylene fatty ether	Solid	It is a enhance wetting and binding ability of cement surface to enhance workability over time for mortar and plaster application.
Rankcos–1618/25	100 %	Polyethylene fatty ether	Solid	It is a enhance wetting and binding ability of cement surface to enhance workability over time for mortar and plaster application.
Rank Add–DSS/75E	75 %	Anionic compound	Liquid	It is a highly effective wetting agent, for aqueous-based formulation. It is recommended for adhesives and carpet.
Rank Add–RE/160	100 %	Based on ape phosphated	Liquid	It is used to prepare a range of commercial emulsion polymers including acrylics, vinyl-acrylics and styrene-acrylics. Such polymers find application in adhesives.



Additives for Solvent-Borne

Product Name	Solid	Chemical Description	Appearance	Application
Emulsifier for Water-Add				
Rank Add–1960	100%	Ester of octadecenoic acid	Liquid	It is alkyd Emulsifier allows the addition of up to 30 to 50% water into solvent-based alkyd systems without any additional raw materials or process change. This recent technology uses mechanical energy to break the water into fine, stable micelles, enabling the formation of a water-in-oil emulsion, that remains reducible with mineral spirits and other alkyd solvents.
Emulsifier				
Rankeos–1214/50	100%	Modified of poly alkylene oxide	Waxy / Solid	It is an emulsifier for the manufacturer of water-reducible epoxy resin emulsion also use in emulsion polymerization.
Rankcos–1618/25	100 %	Polyethylene fatty ether	Solid	It is a enhance wetting and binding ability of cement surface to enhance workability over time for mortar and plaster application.
Adhesion Promoter				
Rankphoest–AO/3	100 %	Phosphate ester of polyethylene oxide	Liquid	(Asphalt and Bitumen) it is used as cement grinding aid, to improve grinding efficiency, reduce energy consumption without compromising the performance of the cement and as a curing additive in cement admixtures.
Amphoteric Emulsifier				
Rankcos–LB/30	30 %	Alkyd betaines	Liquid	(Asphalt and Bitumen) It is creating stable bitumen emulsion in low temperatures, can be applied with cold and damp aggregates.
Rankcos–CAPB/30	30 %	Alkyd betaines	Liquid	(Asphalt and Bitumen) It is creating stable bitumen emulsion in low temperatures, can be applied with cold and damp aggregates.
Non-ionic Emulsifiers				
Rank Add–N/55	100 %	High active alkylphenol ethoxylates	Liquid	(Asphalt and Bitumen) It is creating stable bitumen emulsion in low temperatures, can be applied with cold and damp aggregates.



An ISO 9001:2015 Certified
Company

Admin. Office & Works

Survey No. 184, B/h. Dholakuwa Bus Stop
Dahod Road, Vavdi Buzarg, Godhra – 389 001.
Panchmahals, Gujarat (India)
Tel. No.: +91 9925600647

E-mail : info@rankadditives.com
Visit : www.rankadditives.com

Registered Office

15/2, Second Floor, Swastik Super Market
Nutan Fellowship High-School Compound,
Ashram Road, Ahmedabad – 380 009
Gujarat (India)

Cell : +91 9712092338

E-mail : marketing@rankadditives.com

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Thank You for Your Attention