

STYRENE ACRYLIC EMULSIONS

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	VISCOSITY RANGE (cP)	SOLID %	MFFT °C	FILM CHARACTERISTIC	APPLICATIONS
CP 51	STYRENE ACRYLIC CO POLYMER	Bluish white milky emulsion	8-9	3500-8000	50±1	16	Hard, tough, clear, transparent, flexible & glossy film	Int/Ext paint, coating & primers.
CP 52	STYRENE ACRYLIC CO POLYMER APEO FREE	Bluish white milky emulsion	8-9	3500-8000	50±1	16	Hard, tough, clear, transparent, flexible & glossy film	Int/Ext paint, coating & primers.
CP 52HG	STYRENE ACRYLIC CO POLYMER APEO FREE	Bluish white milky emulsion	8-9	6000-8000	50±1	18 - 20	Hard, tough, clear, transparent, flexible & high glossy film	APEO & Formaldehyde free. Int/Ext paint, High gloss coatings & primers. Good freeze-thaw stability.
CP 52E	STYRENE ACRYLIC CO POLYMER APEO FREE	Bluish white milky emulsion	8-9	8000-12000	50±1	15	Hard, clear, transparent, flexible & glossy film	Int/Ext paint, coatings, primers and texture coatings.
CP 53	STYRENE ACRYLIC CO POLYMER APEO FREE	Bluish white milky emulsion	8-9	6000-8000	50±1	5	Tough, clear, transparent, flexible, glossy & slightly tacky film	Int/Ext paint, coatings, primers, texture and roof coating. Very Good freeze-thaw stability.
CP 54	STYRENE ACRYLIC CO POLYMER	Bluish white milky emulsion	8-9	4000-5000	50±1	14	Tough, clear, transparent, flexible, glossy & slightly tacky film	Int/Ext paint, coatings, primers and texture & roof coating.

STYRENE ACRYLICS can enhance the flow, elasticity, and adhesion of the paint. This makes it easier to apply and work with the paint. Despite that, they offer outstanding performance and are suitable for a wide range of applications.

PURE ACRYLIC EMULSIONS

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	VISCOSITY RANGE (cP)	SOLID %	MFFT °C	FILM CHARACTERISTIC	APPLICATIONS
CP 111	PURE ACRYLIC CO POLYMER APEO FREE	Milky white emulsion	8-9	100-600	50 ± 1	12	Transparent, flexible and tacky film	Int/Ext high quality weather resistant matt and gloss paint. Very Good freeze-thaw stability.
CP 300	PURE ACRYLIC CO POLYMER APEO FREE	Milky white liquid emulsion	8-9	1500-3000	50 ± 1	16	Hard, transparent & tack free film	Int/Ext high quality weather resistant matt and gloss paint. Very Good freeze-thaw stability.
CP 114	PURE ACRYLIC CO POLYMER APEO FREE	Milky white liquid emulsion	8-9	500-2000	60 ± 1	12	Hard, transparent & tack free film	Int/Ext high quality weather resistant matt and gloss paint. Very Good freeze-thaw stability.
CP 76HG	PURE ACRYLIC CO POLYMER APEO FREE	Milky white liquid emulsion	8-9	100-200	45 ± 1	5 - 7	Transparent, flexible and tacky film	Int/Ext high quality weather resistant matt and gloss paint. Very Good freeze-thaw stability.

PURE ACRYLICS are suitable binder for interior semi-gloss and exterior matt paints, demonstrating superior stain and scrub resistance. Because of its wet adhesion properties & UV repellent. It has a high dirt pick-up resistance on wet and dry conditions. It can also be used for the manufacturing of other coatings such as wood stains.

INTUMESCENT BINDER

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	VISCOSITY RANGE (cP)	SOLID %	MFFT °C	FILM CHARACTERISTIC	APPLICATIONS
V 250	vinyl versatate copolymer APEO FREE	Milky white emulsion	4-5	300-700	55±1	16	Medium flexible and glossy film	Quick char formation High expansion factor Excellent char structure Good melt rheology Low residual VOC APEO free.
V 260	vinyl versatate copolymer APEO FREE	Milky white emulsion	4-5	300-700	60±1	18	Medium flexible and glossy film	Quick char formation High expansion factor Excellent char structure Good melt rheology Low residual VOC APEO free.

V 250 & V 260 is a specialized binder - vinyl versatate copolymer dispersion developed for formulation of water-borne intumescent coatings.

V 250 & V 260 provides a quick char formation with high expansion factor.

V 250 & V 260 is designed for intumescent coatings for fire protection up to R65.

CONSTRUCTION ELASTOMERS

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	VISCOSITY RANGE (cP)	SOLID %	MFFT °C	FILM CHARACTERISTIC	APPLICATIONS
CP 5056	ELASTOMER DISPERSION APEO FREE	Milky white liquid	8-9	400-1500	56±1	0	Translucent film and high flexibility/ water hating	For 2k water proofing superior binder. For cementitious mixture & Paints.
CP 5050	ELASTOMER DISPERSION APEO FREE	Milky white liquid	8-9	400-1500	50±1	0	Translucent film and high flexibility/ water hating	For 2k water proofing superior binder. For cementitious mixture & Paints.
CPA 120	PURE ACRYLIC CO POLYMER	Milky white liquid	8-9	100-500	47±1	12	Transparent, flexible and tacky	Used as binder for construction.
CCP 125	PURE ACRYLIC CO POLYMER APEO FREE	Milky white liquid	8-9	100/500	50±1	12	Transparent, flexible and tacky	Used as binder for cementitious products.
CCP 70	ELASTOMER DISPERSION	Bluish white milky emulsion	8-9	4000-8000	50±1	0	Transparent, flexible and tacky	Binder for cementitious elastomeric coating.

PSCF CONSTRUCTION ELASTOMERS are widely suggested as a binder for cement admixture, cementitious water proofing membrane, acrylic water proofing membrane, surface preparation compounds, caulk, sealants and other roof coatings where high elasticity and flexibility is required and water proofing required.

POLYMER EMULSIONS FOR CARPET INDUSTRIES

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	VISCOSITY RANGE (cP)	SOLID %	MFFT °C	FILM CHARACTERISTIC	APPLICATIONS
SBR 101	SBR RUBBER Modified & Acrylate based polymerization. APEO FREE	Blueish Emulsion	8	500-1000	50±1	5	Highly Flexible & Tack free	Slurry based Carpet Baking System.
HP 55C	VINYL ACETATE APEO FREE	Milky white emulsion	4-5	1000-3000	55±1	30	Hard & Clear film	General Purpose adhesive for Carpet Industries.

SBR101 is mainly used in the production of carpet backing and it has good compatibility, Besides, it has large loading level, and low odor. The carpet has high bonding forces and good touching feel.

VAM / VEOVA DISPERSIONS

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	VISCOSITY RANGE (cP)	SOLID %	MFFT °C	FILM CHARACTERISTIC	APPLICATIONS
CP 61	VAM/VEOVA APEO FREE	Milky white emulsion	4.5	1000-4000	50±1	10	Hard, flexible & glossy film	Int. gloss & matt Paint.
CP 6155	VAM/VEOVA APEO FREE	Milky white emulsion	4.5	2000-4000	50±1	15	Flexible & High Gloss Film	Int/Ext Paints for All Purpose.
TP 31	VAM/VEOVA APEO FREE	Milky white emulsion	4-5	2500-7000	55±1	16	Hard, flexible & glossy film	Int/Ext matt, gloss & texture coatings.
TP 32	VAM/VEOVA APEO FREE	Milky white emulsion	4-5	2000-5000	50±1	12	Hard, flexible & glossy film	Int/Ext matt, gloss & texture coatings.

VAM VEOVA EMULSIONS are water-based formulations combining Vinyl Acetate and Veova monomers. These emulsions are designed to provide excellent adhesion, water resistance, and flexibility for both decorative and protective coatings. It is a suggested binder for interior, exterior paints and coatings, and primers.

VINYL ACETATE HOMO-POLYMER

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	VISCOSITY RANGE (cP)	SOLID %	MFFT °C	FILM CHARACTERISTIC	APPLICATIONS
HP 22	VINYL ACETATE	Milky white Emulsion	4-5	50000-80000	50±1	16	Hard film	Medium viscosity base for low cost putty and general adhesive.
HP 22H	VINYL ACETATE	Milky white Emulsion	4-5	80000-120000	50±1	16	Hard film	High viscosity base for low cost putty and general adhesive.
HP 27	VINYL ACETATE	Milky white Emulsion	4.5	10000-30000	45±1	16	Hard film	Bonding agent for construction, tile & packaging.

HOMO-POLYMERS are versatile glue for wood processing and packaging industries. In the wood processing industries & for assembly gluing, block gluing, laminating Formica, chipboard and wood paneling. Homo-polymers also can be used in the paper, cardboard & chipboard industries.

VINYL ACRYLIC COPOLYMER

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	pH	VISCOSITY RANGE (cP)	SOLID %	MFFT °C	FILM CHARACTERISTIC	APPLICATIONS
CP 45	VINYL ACRYLIC CO POLYMER APEO FREE	Milky white emulsion	4-5	3000-7000	50±1	16	Hard, flexible and glossy film	Internal matt and gloss paint emulsion.
CP 4555	VINYL ACRYLIC CO POLYMER APEO FREE	Milky white emulsion	4-5	3000-10000	50±1	18	Hard, flexible and glossy film	Internal matt and gloss paint emulsion.

VINYL ACRYLIC COPOLYMER are widely used as a binder for producing interior paints, sealers and texture coatings. Ideally suited for cost effective gloss emulsion paints & Plastic Emulsion paints.

SAND STABILIZATION PRODUCTS

PRODUCT NAME	CHEMICAL COMPOSITION	APPEARANCE	APPLICATIONS
Pro-Bond SS1 APEO FREE	Synthetic polymer	Milky white liquid	Sand Stabilization & dust control.
Pro-Bond SS2 APEO FREE	Synthetic polymer	Milky white liquid	Sand Stabilization & walk ways.
Pro-Bond SS MAX APEO FREE	Synthetic polymer	Milky white liquid	Sand Stabilization & Roads.

PRO-BOND SS1, SS2, SS MAX, for Sand Stabilization is an environmentally safe, advance powerful polymer emulsion that produced highly effective dust control, erosion control and soil stabilization made of local materials in Saudi Arabia. Pro-bond products provide excellent bonding, cohesion, versatility, cost, effectiveness, environmental compliance and superior overall performance.



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ADHESIVE PRODUCTS

Product Name	Grade	CHEMICAL COMPOSITION	APPEARANCE	VISCOSITY (Brookfield) cP	pH	SOLID %	APPLICATION
Binding Adhesive	ProBond BA 2010	Synthetic polymer	Milky white liquid	4300-4800	4.5	52±1	General purpose for paper.
Paper bottom paste adhesive	PBA 90HV	Synthetic/Natural polymer	Milky white paste	140000	5	23±1	Paper bag bottom paste adhesive.
Paper Adhesive	ProBond PA 2015	Synthetic polymer	Milky white liquid	100,000-120,000	4.6	55±1	General purpose for paper.
Paper Plastic Adhesive	ProBond PPA 2070	Synthetic polymer	Milky white liquid	3700	4.8	56±1	Lamination for paper and plastic.
Film Lamination Adhesive	ProBond FLA 5024	Synthetic Polymer	Milky white liquid	2300	7	50±1	Film to paper lamination.
Film lamination adhesive	ProBond FLA 5530M	Synthetic Polymer	Milky white liquid	3000	8	55±1	Film to paper lamination/Carton closing for difficult substrates.
Tissue paper Lamination	ProBond TL 115	Synthetic Polymer	Translucent white	120	5		Tissue paper Industry.
Tissue pick up	ProBond TP5006	Natural Polymer	Clear Liquid	18000	5	60±1	Tissue paper Industry.
Tissue end Seal	ProBond TP5005	Natural Polymer	Clear Liquid	5000	5		Tissue paper Industry.
Carton Adhesive	ProBond CTA 4048	Synthetic polymer	Milky white liquid	10000	5.4	44±1	Carton bonding.
Gypsum Paper Adhesive	ProBond GPA 2120	Synthetic polymer	Milky white liquid	15000	5	56±1	Gypsum Board PVC lamination.
Gypsum Side Adhesive	ProBond GSA 2020	Synthetic polymer	Milky white liquid	15000	6.5	38±1	Gypsum board side adhesive.
Gypsum Adhesive	ProBond GA 2111	Synthetic polymer	Milky white liquid	18000	4.9	54±1	Gypsum Board PVC lamination.
Gypsum Adhesive	ProBond GSA 2056	Synthetic polymer	Milky white liquid	20000	4-6	55±1	Gypsum Board PVC lamination.

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Product Name	Grade	CHEMICAL COMPOSITION	APPEARANCE	VISCOSITY (Brookfield) cP	pH	SOLID %	APPLICATION
Paper Lamination Adhesive	ProBond PLA 1049	Synthetic polymer	Milky white liquid	27000-33000	6.5	49±1	General Lamination for Paper.
Paper Lamination Adhesive	ProBond PLA 1051	Synthetic polymer	Milky white liquid	12000	6.8	44±1	General Lamination for Paper.
Paper Lamination Adhesive	ProBond PLA 2050	Synthetic polymer	Milky white liquid	4000	4.8	48±1	General Lamination for Paper.
Paper Core Adhesive	ProBond PCA 3030	Synthetic polymer	Milky white liquid	2500	5	29±1	Paper Core Adhesive.
Paper Core Adhesive	ProBond PCA 3031	Synthetic polymer	Milky white liquid	3500	5	30±1	Paper Core Adhesive.
Wood Adhesive	ProBond WA 40	Synthetic polymer	Milky white liquid	60000	5	24±1	Wood adhesive.
Wood Adhesive	ProBond 30	Synthetic polymer	Milky white emulsion	70000	5	32±1	Wood adhesive.
Wood Adhesive	ProBond WA 25	Synthetic polymer	Milky white liquid	6500	7	46±1	Wood adhesive.
Acrylic Roof Coating	ProBond AC 60	Synthetic polymer	Milky white emulsion	100000-120000	9	64±1	Roof Coating.
Acrylic Roof Coating	ProBond AC 65	Synthetic Polymer	Milky white emulsion	100000	9	62±1	Roof coating.
Acrylic Roof Coating	ProBond ACB 70	Synthetic polymer	Milky white emulsion	100000	9	64±1	Roof Coating.

PRO-BOND Grade Adhesives are widely used in different application, such as tissue paper lamination, film to paper lamination, paper core winding, wood adhesives, carton closing for difficult substrates and other general adhesives application. We can provide also adhesives as per the customer requirements such as specific viscosities and solids as per the needs.