



شركة بوابة الخليج للصناعة
GULF GATE INDUSTRY COMPANY



مجمع ابتكار التقدم للصناعة
INNOVATION PROGRESS FACTORY INDUSTRY

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مبنى رقم ٥٣٥٠ - شارع ١٥ - الرمز البريدي ٣٩٩٢٣ -
حفر الباطن - المملكة العربية السعودية





Who We Are

TAWSEL GROUP

It is a group that includes Gulf Gate for industry & d Innovation progress for industry. and Distributes its products throughout the middle east.



Innovation progress(IPC) is leading manufacture water base and solvents as a solution products



Gulf gate (GG) is leading manufacture copolymer and homopolymer as a emulsion products.

- IPC & GG has technical expertise and years of world wide experience developing specially formulated water base polymers for the region and has emerged as the market leader within the region for offering technical solutions to detergent industry, coating industry, adhesives and ceramic industry.



Our Vision , Mission & Values



Our vision as trusted, global provider of quality chemical solution.



Is to provide informative, cost effective solutions by delivering innovative products to satisfy the needs of our customers and help maximize their overall production. We do not believe in a one-size fits all approach. Instead, we focus on properly identifying the root of the problem: this enables us to recommend the best products for a proper resolution. Our mission is to develop trustworthy relationships with those we serve so that we may achieve mutual success.



SAFETY

Above all else, safety is our top concern. Whether in our premises or yours, we take special measures to ensure the safety of all involved. Our products are packaged and shipped with the highest level of protection so that they arrive safe to their destination.



PRODUCTS

We pride ourselves in manufacturing innovative, high quality products for our customers. Every batch we produce is led through a multiple-step process to ensure top performance level. From initial development, to custom blending, quality control testing and air tight packaging, our products are manufactured to the highest standards.



ENVIRONMENT

We believe in minimizing our global footprint. We have developed a manufacturing process that is sensitive to the environment and adheres to the laws devoted to protecting our earth.

Introduction of plant



GULF GATE FOR INDUSTRY (GG) Its Production

- Emulsion water base polymers

Our products in the emulsion polymerization are developed in our R&D LABS with very high quality to serve many applications in the industry.

Styrene Acrylic emulsion

Copolymer emulsion

Ter polymer emulsion

PURE ACRYLIC EMULSION

- Colored speckles

Below table is the industries served by our Emulsion polymers products

Paint & coating industry	Construction industry	Industrial adhesive industry	Carpet industries
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INNOVATION PROGRESS (IPC)

Its Production

Solution water base polymers

- Maleic Acid - Acrylic Acid Copolymer Sodium Salt
- Sodium Polyacrylate (Dispersing agent)
- Ammonium polyacrylate (paints dispersing agent)
- poly carboxylate ether (PCE



PAINr AND COATING INDUSTRY:

Our emulsion polymers developed for interior and exterior paints having a high gloss, low dirt retention exterior and interior paints, low to high PVC paints.

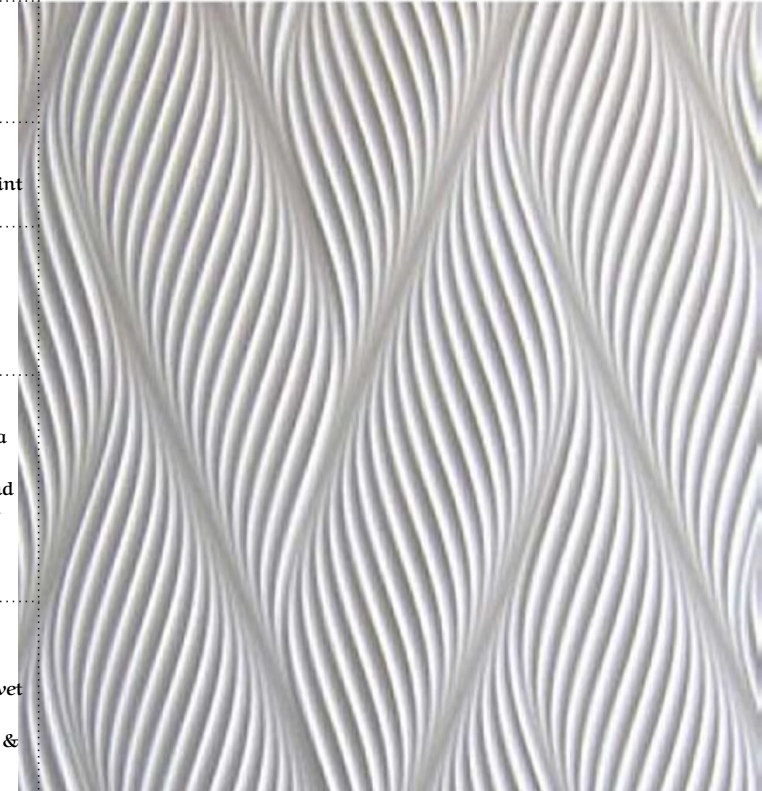
1- Styrene Acrylic emulsion

CODE	TYPE	PH	VISCOSITY cps	SOLID	MFFT	APPLICATION
IPC-SA 509	ST/BA	7.5 - 8.5	5000 - 12000	49 - 51	18	Interior/Exterior paints & textured finishes with very good gloss
IPC-SA 509W	ST/BA	7.5 - 8.5	5000 - 8000	49 - 50	20	Interior/Exterior paints & textured finishes with good gloss & wet scrub resistance
IPC-SA 509G	ST/BA	7.5 - 8.5	4000 - 8000	49 - 50	15	Interior/Exterior paints & textured finishes with excellent gloss
IPC-SA-506	ST/BA	7.0 - 8.5	1000 - 2000	49 - 50	16	Interior/Exterior paints & textured finishes with very good gloss
IPC-SA506M	ST/BA	7.0 - 8.5	400 - 1500	49 - 50	18	Interior/Exterior paints & textured finishes.



2- COPOLYMER EMULSION

CODE	TYPE	PH	VISCOSITY cps	SOLID	MFFT	APPLICATION
IPC-CO 511	VAM/BA	4 - 6	2000 - 4000	49 - 50	14	Interior & exterior paint
IPC-CO 511M	VAM/BA	4 - 6	2000 - 5000	55	12	High Solid Binder for indoor gloss, matt paints.
IPC-CO 515	VAM/VEOVA	4 - 6	2000 - 5000	55	13	High Solid Vam Veova Binder: along with excellent wet scrub and alkaline resistance for interior & exterior paints.
IPC-CO 515M	VAM/VEOVA	4 - 6	2000 - 4000	50	14	Vam Veova Binder: along with excellent wet scrub and alkaline resistance for interior & exterior paints.



3- Ter polymer emulsion:

CODE	TYPE	PH	VISCOSITY cps	SOLID	MFFT	APPLICATION
IPC-TR 550	VAM/VEOVA/BA	4 - 6	2000 - 4000	50	9	Ter-Polymer: along with excellent wet scrub and exterior durability.
IPC-TR 555	VAM/VEOVA/BA	4 - 6	2000 - 5000	55	15	High Solid Ter-Polymer: along with excellent wet scrub and exterior durability.

4- PURE ACRYLIC EMULSION:

CODE	TYPE	PH	VISCOSITY cps	SOLID	MFFT	APPLICATION
IPC-PA86	MMA/BA	7.5 - 9.0	100 - 600	49 - 50	16	Binder for premium quality interior & exterior paints with excellent wet adhesion.

B - SOLUTIONS FOR CONSTRUCTION INDUSTRY

We have range of products are used for Acrylic sealant,
Cementitious product, Roof coating

CODE	TYPE	PH	VISCOSITY	SOLID	TG	APPLICATION
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IPC-SA507	SA/BA	6.5-7.0	500-1000	50-52	--5	Binder for Roof coating, cementitious, waterproof
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IPC-SA507	SA/BA	6.5-7.0	3000-5000	57	--15	Roof coating, cementitious, waterproof
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C- SOLUTION FOR CARPET INDUSTRY

Our products are used as a latex for carpet back coating and textile impregnation.

1. PVA based latex
2. Styrene Acrylic based

CODE	TYPE	PH	VISCOSITY	SOLID	MFFT	APPLICATION
IPC-CARPET 755	PVA	4-6	500-2500	55	19	Binder for Carpet Woven backing & textile impregnation
IPC-SA 575	SA/BA	7-8	300-1500	53	9	Carpet backing & textile impregnation

D- SOLUTION FOR PACKING INDUSTRY



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1. PVA base

2. ACRYLIC based

CODE	TYPE	PH	VISCOSITY	SOLID	MFFT	APPLICATION
IPC-PCORE 3335	PVA	7-8	1000-3000	35	13	Adhesive: for paper-tube, paper-can & paper to paper bonding & application.
IPC-P CORE 3345	PVA	7-8	800-3500	44	14	Adhesive: for paper-tube, paper-can & paper to paper bonding.
IPC-BOND 30	PVA	6-7	1000-3000	30	12	Adhesive for paper-tube, paper-can & paper to paper bonding .
IPC-GLUE 21C	PVA	6-7	10000-25000	22	14	Adhesive for Cartoon
IPC – GLUE 45C	PVA	5-6	1200-2500	45	13	Adhesive for Cartoon bag
IPC-bopp 55	SA/BA	7-8	50-200	55	0	Adhesive for Bopp tape
IPC- TISSUE GLUE	PVA	7.5-9	1000-2000	11	N/A	Tissue bonding agent



E - SOLUTION FOR ADHESIVE INDUSTRY

We provide different ranges of adhesives that used in wood adhesives, putty, binder for construction and general purposes adhesives.

CODE	TYPE	PH	VISCOSITY CPS	SOLID	MFFT	APPLICATION
Ipc – BOND 51	pva	4-6	55000-75000	50	16	Adhesive for wood, construction binders, putty, general adhesive, etc.
Ipc – BOND 51H	pva	4-6	90000-140000	50	16	Adhesive for wood & general adhesive, etc.
Ipc-BOND 44	pva	4-6	10000-35000	44	14	Adhesive for wood, construction binders, plasters, general adhesive, etc.
SAUDI BOND GLUE	pva	4-6	10000-35000	37	14	Wood adhesives
MAZON GLUE	pva	4-6	10000-35000	32	14	Wood adhesives



F- SOLUTION FOR SAND STABILIZATION

CODE	TYPE	PH	VISCOSITY	SOLID	MFFT	APPLICATION
IPC-SA-509	SA/BA	7-8.5	3000-4000	49	17	Sand stabilization

2- Solution water base polymers

A copolymer of acrylic acid and maleic anhydride that provides excellent benefits to cleaning product formulations, including anti-precipitation, crystal distortion, and particle suspension (anti-deposition)

A- Maleic Acid - Acrylic Acid Copolymer Sodium Salt (IPC LAN - CP40)

Uses

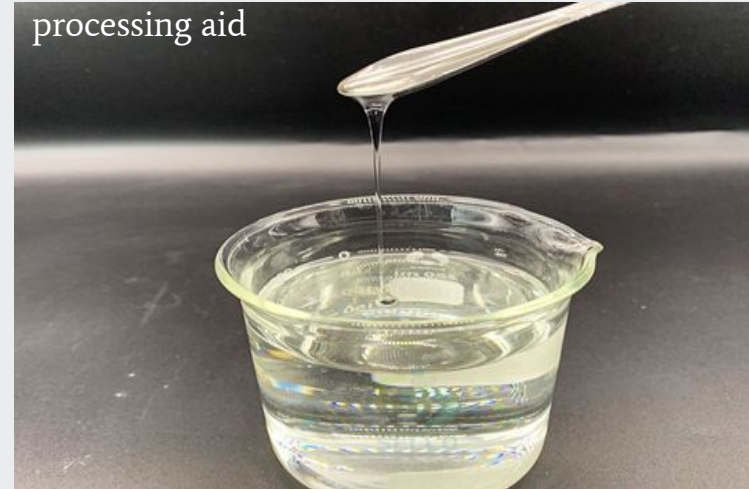
Powder Laundry detergents

- Laundry Bar
- Automatic Dishwashing
- Bleach Cleaners



Benefits

Dispersants for soils and insoluble builders, anti-greying and anti- encrustation agent, processing aid



B- Sodium Polyacrylate (IPC- LAN HP45)

Sodium polyacrylate have been used for several decades as effective helpers against the redeposition of particulate dirt in powder and liquid detergents and also a chelating agent and can be used in ceramic applications as dispersing deflocculating & viscosity reduction. These polymers work as primary deflocculating agent to reduce the viscosity and improve flow ability of ceramic slurries.

Parameter	Index
Appearance	Colorless to pale yellow, clear liquid
Total Solid (%)	44 – 46
Avg. Mol. Wt. (Aprx.)	4500
Sp. Gravity	1.3 – 1.4
pH	6 to 8



C- Ammonium polyacrylate (paints dispersing agent)

(IPC- LAN HPA 50)

This polymer can be effectively used in coating pigment slurries of calcium carbonate, TiO₂ particularly in paper coating. The product is also use as a primary dispersing agent in waterborne paint system for dispersion of pigments and extenders.

Parameter	Specification
Appearance	Colorless to pale yellow, clear liquid
Total Solid (%)	44 – 46
Avg. Mol. Wt. (Aprx.)	5000
Sp. Gravity	1.15-1.25
pH	7 to 8



D- Polycarboxylate superplasticizer (PCE)

PCE superplasticizer is a high-performance water reducing agent that integrates many functions such as high water reduction, high collapse retention, reinforcement, shrinkage, and environmental protection. It is also an ideal admixture for preparing high-strength and high-performance concrete

PRODUCT DETAILS :

1- IPC-PCF 50

The product features:

- High Water-Reducing ability
- High initial workability
- Regular retention workability

2- IPC-PCR 50

The product features:

- Good fluidity of concrete
- Reduced slump loss and higher retention workability
- Reduce the viscosity of concrete



3- Coloured speckles

Our Coloured Speckles will optimize and improve the visual aspect of your laundry detergent powder

Characteristics

- ❖ Strong Granules, equal in appearance, size and colour
- ❖ Speckle size is equal to general powder detergent
- ❖ Fully soluble in water and does not bleed or leave stains on the fabric
- ❖ Available in 4 bright colours: Orange, Red, Blue and Green & can be produced in any colour upon request.





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