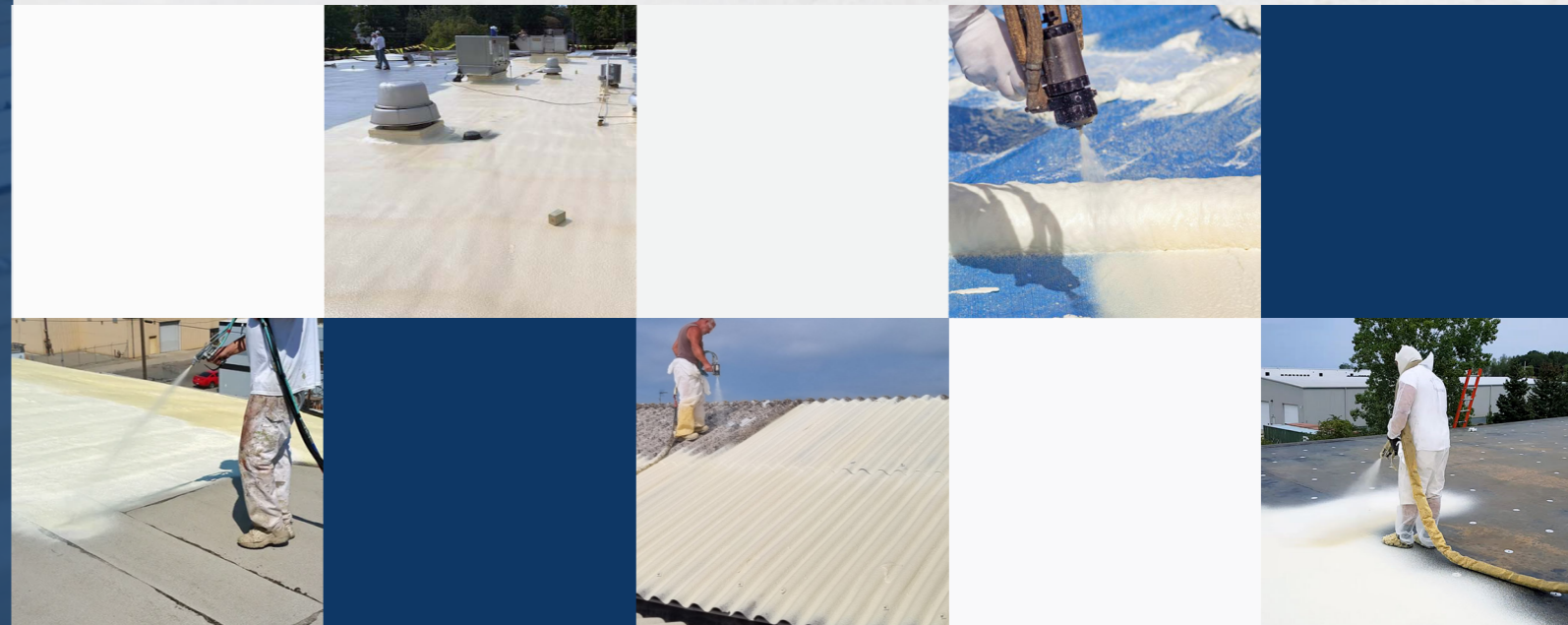


FIBREX

Construction Chemicals Pvt. Ltd.



FIBREX

Construction Chemicals Pvt. Ltd.

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CATALOGUE 2025 VOL 0.1



Corporate

Introduction

Fibrex construction chemicals is an leader in manufacturing & delivery of construction chemical solutions combining as an high quality supplier of specialty chemicals, technical support, excellent customer service, innovation for an construction industry.

The company is proud of its high quality products & services due to which it has gained its potential to be one of the major players in the domestic market We are engaged in offering a wide range of Chemicals and Additives to meet requirements of construction, automotive, cement and other industries. Our product range includes Floor Hardeners, Epoxy Flooring & Coatings, Grouts, Waterproofing Coating, Waterproofing Admixtures, Joint Sealants, Repair Compounds, Curing & Sealing Compounds, Admixtures, Tile Grouts / Adhesives & Corrosion Protection Coatings, etc.

We as a construction chemical company not only deal in supplying of the material but proving the complete solution right from the enquiry till the completion of the job with our authorized applicators. As application plays a most vital role in successful completion of the required project. We believe in delivering the best quality services & solutions and maintaining the long term relation with our clients.



Business

Mission

With a well-defined direction in place, the path to realizing our Vision is based on fundamental drivers, instrumental in achieving our goals. Our mission is.

- To focus ourselves towards becoming the leader in developing huge range of innovative solutions for construction industry with every aspect for improving the durability, efficiency, quality and the visual changes that can take place in buildings, infrastructure, facilities , throughout production and use, and in turn making a significant contribution to sustainable development.
- To develop an effective management that stresses productivity, perpetual development of the organization, and instilling work ethics in all personnel.
- To build value for the organization in order to become a unique and distinct organization.





Constant State of Innovation

Polyurethanes are required in wide variety of industries and applications. So, innovation is the key to lead in this industry. Since the very moment of inception, Fibrex Chemicals has been constantly working to develop economically viable and environmentally sustainable products.

We have been successful in this endeavour only because of extensive expense on R&D, and our world class laboratory where passionate scientists work relentlessly to evolve better and cost-effective polyurethane formulations.

No wonder, Fibrex Chemicals polyurethane product line continues to grow and evolve to meet customers changing requirements complying environmental guidelines.



Future Plans

Fibrex Chemicals pledge to extend the journey of innovativeness, cost-effectiveness and environmental consciousness to newer heights in the time to come. We are constantly working to improve processing efficiencies and product performance, including developing a generation of more economically and environmentally viable products.

Fibrex is determined to combine global polyurethane production and supply capabilities with safety and environmental sustainability with its broad expertise in polyurethane chemistry and systems formulation. We are sure to serve industry needs world-wide in a variety of newer end use applications.





Core Competencies

- Path-breaking
- Manufacturing ready to use system for specific requirements
- Using our own raw material
- Customized development support
- Suitability for energy saving applications

Our Advantages

- Wide portfolio of raw materials and finished components
- Facilitating opportunity for recycling and re manufacturing
- Environment-friendly products
- Reliability of products
- Competitive pricing
- Wide distribution network



Quality Policy

We've a diligent quality control mechanism and a stringent quality policy. We solemnly & strictly get adhere to it to maintain the supremacy of our products.

At Fibrex Chemicals:

- All incoming raw materials are subjected to stringent quality checks to ensure compliance prior to acceptance
- All processes are streamlined and inspection is made at each stage of production and all final products are tested on pH value, purity and stability under atmospheric temperature & pressure.

Our world standard quality parameters provide complete value to the customers and exceeding their satisfaction level.

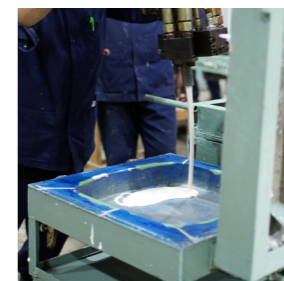




Fibrex is one of the select few polyurethane forming companies in India having latest facilities for the production of polyether 8 polyester polyols, together with blended polyurethane system. With our constant investment in our state-of-the-art unit we have consolidated our position as leading manufacturer in the field.

Our production facilities are outfitted with some of the most efficient mixing and dispensing machines, high and low pressure metering machines, dosing units, finishing equipments, blowing agents, etc. delivering our current monthly capacity of 500 ML.

Also for the moulding process we have moulded carriers, turntables, carousels, cutting machines for PU flexible and rigid foam, PU elastomer processing machines and fluid handling systems for spray finishing, sealants and adhesives, etc.



Representing an immensely broad range of polyurethane solutions, we manufacture and market premium class of polyols under the brand name GEPOL, GEPEX and GEXTER, enabling organisations to secure competitive advantages on our promising products.

In addition to total solution in polyurethane chemicals, we offer a wide series of products and services utilizing polyurethane formulation for creating rigid and flexible polyurethane systems and commercial commodities for both industrial and consumer applications.



Aliphatic Polyester Polyol

Based on polyadipates diols such as ethylene glycol, propylene glycol, butane diol, hexane diol, etc. aliphatic polyester polyols are usually used in flexible polyurethane. They are used to make solid and micro cellular elastomers, flexible coating and adhesives and many more. They are relatively low cost polyester with good hydrolytic stability.

Grades	"Acid Valuem gKOH/s"	"OH Value MgKOH/g"	"Colour Max. Hazan"	"%H2O Max"	"Viscosity Cps"	"Viscosity of oC"	Application
Gexter 220	1-1.4	60±2	250	0.08	19500 ± 3000	25	Flexible Slab Stock
Gexter 221	1-1.4	51±2	150	0.08	21000 ± 3500	25	Flexible Slab Stock
Gexter 223	0.8-1.2	175±10	500	0.10	3500 ± 500	25	Flexible Slab Stock
Gexter 120	0.5	56±2	250	0.08	9500 ± 1500	25	Shoe Soles
Gexter 121	0.5	55±3	300	0.08	8600 ± 1300	25	Shoe Soles
Gexter 122	0.5	45±2	250	0.08	8000 ± 1200	35	Shoe Soles
Gexter 476	0.5	112±4	250	0.08	200 ± 30	70	Elastomers
Gexter 477	0.5	75±3	300	0.08	500 ± 100	70	Elastomers
Gexter 320	0.5	120±3	300	0.08	260 ± 40	70	PUD
Gexter 321	0.5	75±5	300	0.08	5000 ± 750	25	PUD
Gexter 323	0.5	75±5	300	0.08	7000 ± 1000	25	PUD
Gexter 720	0.4	40±2	300	0.08	2050 ± 300	70	Adhesives
Gexter 721	0.5	45±2	300	0.08	340 ± 100	100	Adhesives
Gexter 820	0.5	55±3	300	0.08	1200 ± 200	60	TPIJ



Aromatic Polyester Polyol

Composed of polyvalent carboxylic acids and polyhydric alcohols, aromatic polyester polyol are used to manufacture polyisocyanurate (PUR) and polyurethane rigid insulation foam, which finds extensive use in the automotive, construction, refrigeration and other industrial sectors. Its other uses include flexible polyurethane foams, semi-rigid foams and polyurethane coating.

Grades	"Acid Valuem gKOH/s"	"OH Value MgKOH/g"	Specific Gravity@25°C	"%H2O Max"	"Viscosity Cps"	"Viscosity of oC"	Application
Gexpol 4010	2.5±0.5	240±10	1.24±0.03	<0.2	3000±1000	> 200	PUR
Gexpol 4011	1.8±0.3	270±20	1.24±0.03	<0.2	7000±1000	> 200	PIR
Gexpol 4022	2.5±0.5	310±20	1.22±0.03	<0.2	2500±500	> 200	PUIB
Gexpol 4033	2.2±0.3	350±20	1.22±0.03	<0.2	2000±500	> 200	PUR
Gexpol 4044	2.5±0.5	385±20	1.25±0.03	<0.2	3600±500	> 200	PUB



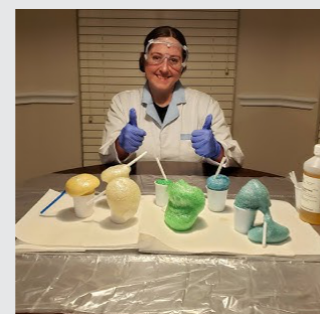


Blended Polyester Polyol (Flexible Moulded)

They are produced through multi-component system and have good insulating performance, good compressive strength and excellent dimensional stability. They are disclosed for making cellular polyurethane foam in the absence of halogenated hydrocarbon blowing agents.

Add to that it is also useful for coating, adhesive, sealant, elastomer and chemical grouting material. They are highly reactive polyethers and are suitable for producing high resiliency flexible slab.

Grades	Color	OH Number MgKOH/g	Viscosity (Cps@25°C)	Specific Gravity@52°C	FRD Kg/m3	MD Kg/m3	Application
Gepex 276	White	37-36	1400-1600	1 - 1.05	50-52	58- 60	Automotive & Chair Seats
Gepex 376-1	Black	34-36	1400-1600	1 - 1.05	50-52	58- 60	Automotive & Chair Seats

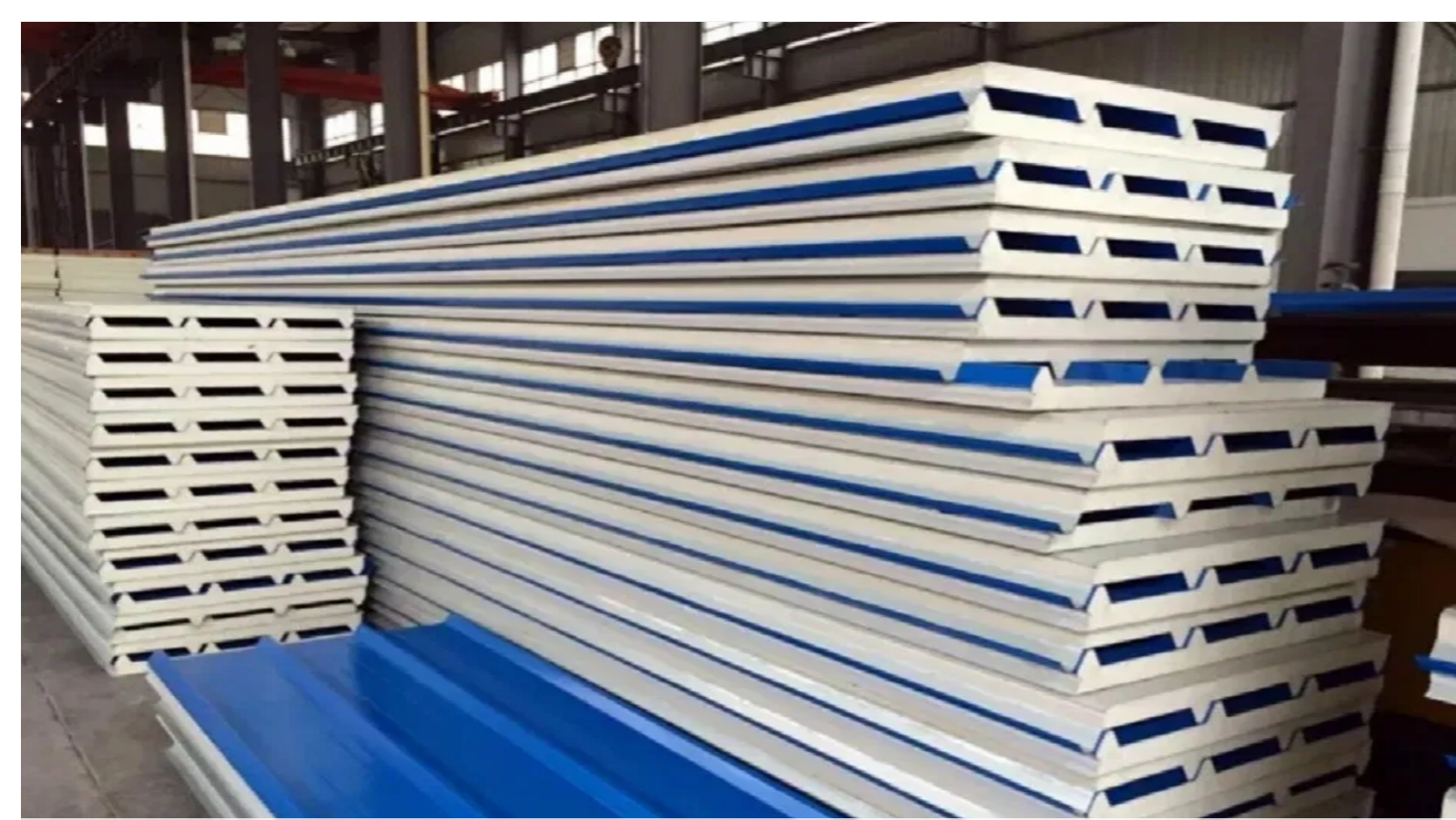


Blended Polyester Polyol (Rigid)

Rigid polyols are widely used as thermal insulation and preservation materials in applications such as refrigerators, freezers, refrigerated vehicles, construction boards, and spray insulation in building systems. The resulting foam offers excellent thermal insulation, lightweight properties, high compressive strength, flame retardancy, and other advantages.

These foams are commonly used in the production of sandwich panels, corrugated sheets, and related products, which are suitable for constructing cold storage facilities, cabinets, portable cooling units, and more.

Grades	OH Value MgKOH/g	PH Value	Viscosity (Cps@25°C)	Specific Gravity@25°C	FRD Kg/m3	MD Kg/m3	Application
Gepol-1013	300-350	9-11	250-350	1.1-1.15	10- 12	13-14	Packagin
Gepol-1032	300-350	9-11	250-350	1.1-1.15	22-24	38.40	Dee Freezer, Vlsicoolers
Gepol-1032-DH	300-350	9-11	250-350	1.1-1.15	24-26	36-40	Dee Freezer and Pour
Gepol-1035	300-350	9-11	250-350	1.1-1.15	22-24	38.40	Refri eration
Gepol-1035-141B	300-350	9-11	250-350	1.1-1.15	24-26	36-40	Ice Box, Insulated Box
Gepol-1035-UF	300-350	9-11	250-350	1.1-1.15	24-26	36-40	Deep Freezer, Water Cooler
Gepol-1035-DM	300-350	9-11	250-350	1.1-1.15	24-26	36-40	Deep Freezer and Pour
Gepol-1035-R	300-350	9-11	250-350	1.1-1.15	22-24	38-40	Refrigeration
Gepol-1038-I	300-350	9-11	250-350	1.1-1.15	24-26	3640	Ice Box, Insulated Box
Gepol-1038-SR	300-320	9-11	200-300	1.1-1.15	24-28	40-44	Ice Boxes fr Pallets
Gepol-1040-FR	300-350	9-11	250-350	1.1-1.15	24-26	36.40	De-freezer, Pipe Section
Gepol-1045-FR	300-350	9-11	250-350	1.1-1.15	24-26	36-40	Sandwich •Panel
Gepol-1120	380-400	9-11	2000-3000	1.1_1.2	20-24	33-34	pour
Gepol-1120	300-350	9-11	250-350	1.1_1.2	20-24	33-34	Pour
Gepol-1121	380-420	9-11	2200-3000	1.1_1.2	20-24	33-35	Pour
Gepol-1720-I	300-350	9-11	250-350	1.1-1.15	36-38	40-42	IN-SITU
Gepol-1750-I	300-350	9-11	250-350	1.1-1.15	44-45	44-45	IN-SITU
Geool-2120	300-350	9-11	250-350	1.1_1.5	22-24	35-36	Thermoware
Gepol-2130-CI	300-350	9-11	250-350	1.1-1.15	22-24	36.40	Pi e Section
Geool-2220	300-350	9-11	250-350	1.1-1.15	24-26	36.40	Block Pi e Section
Gepol-2320	300-350	9-11	250-350	1.1-1.5	22-26	38-40	Panel
Gepol-2320-LB	300-320	9-11	250-350	1.1-1.5	24-28	38-40	Panel
Gepol-2321	300-350	9-11	300-350	1.1-1.5	20-24	38-40	Panel
Gepol-2325	300-350	9-11	250-350	1.1-1.5	22-24	38-40	Panel
Gepol-2350-IL	300-320	9-11	200-300	1.1-1.5	24-28	40-44	Panel
Gepol-2420	300-350	9-11	250-350	1.1-1.5	23-24	35-40	G sers 8 Water Heater
Gepol-2450-G	300-350	9-11	250-350	1.1-1.15	23-24	35-40	G sers G Water Heater
Gepol-3150-S	300-350	9-11	400-500	1.1-1.15	40-42	40-42	Spray
Gepol-4210	380-400	9-11	850-1150	1.02-1.11	200-300	300-400	Wood Imitations
Gepol-4250	380-400	9-11	850-1150	1.02-1.11	200-300	300-400	Wood Imitations
Gepol-6045PIR	300-350	9-11	250-350	1.1-1.15	24-25	36-40	Pi eSectionand Pour
Gepol-6050PIR	300-350	9-11	300-350	1.1-1.15	20-24	38-40	Pipe Section and Pour
Gepol-2325-LD	300-350	9-11	300-350	1.1-1.5	20-23	36-40	Panel



Structural Insulated Panel

We are a leading producer of Structural Insulated Panels (SIPs), also known as sandwich panels. Our high-quality PU insulation panels are resistant to moisture ingress, unaffected by air infiltration, and maintain their structural integrity without being easily compressed.

They are specially engineered to provide an optimal thermal envelope, helping to reduce energy consumption by up to 40%.

We take pride in manufacturing one of the most energy-efficient and cost-effective solutions in the industry — contributing significantly to a more sustainable future.



Technical Services and Support

In addition to our high-quality polyol production, we have a dedicated Technical Service Department that offers advanced polyurethane technology services to a wide range of clients. We provide targeted technical support and formulation advice tailored to meet specific customer requirements.

Our team of highly qualified professionals delivers technological assistance during new material trials, helps resolve production challenges, and regularly updates clients on the latest industry advancements.

Furthermore, we offer customized solutions to support the development of specialized end products, ensuring our clients stay ahead in their respective markets.

