



SATGURU GROUP

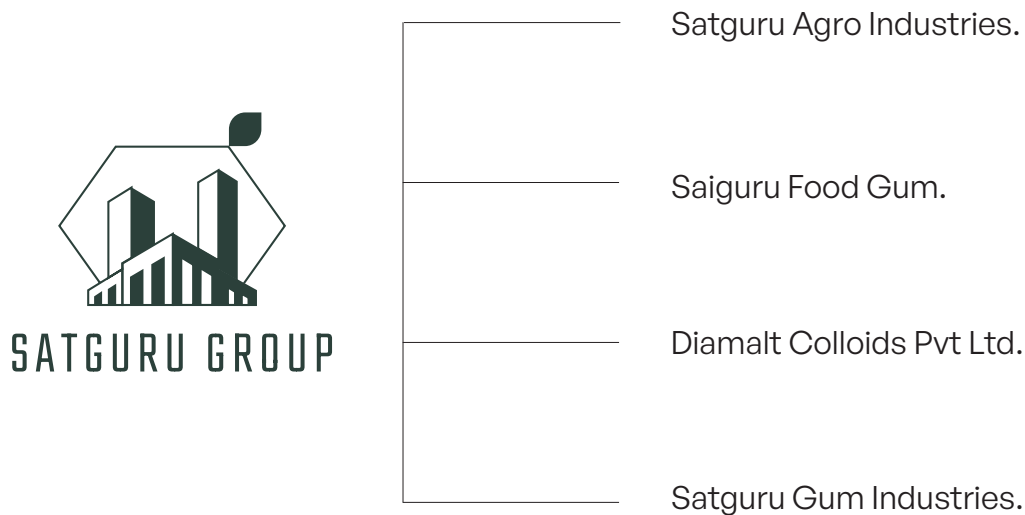
HYDROCOLLOID EXCELLENCE

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ABOUT US:

SATGURU GROUP OF INDUSTRIES: INNOVATING THROUGH NATURE SINCE 1999



Satguru Group of Industries is a dynamic conglomerate of MSMEs based in India, strategically located across three key regions. Our group comprises of four specialized companies where each company is dedicated to the development & manufacturing of high-quality hydrocolloid products. Our roots stretch back to 1979 when our journey began as a manufacturer of carpet and textile printing thickeners. Today, we are a leader in the industrial hydrocolloid space, with proficient manufacturing of chemically modified natural based water soluble polymers which include rheology modifiers and performance hydrocolloids.

At Satguru Group of Industries, we leverage our deep understanding of nature's potency and cutting-edge technology to create solutions that cater to the evolving needs of industries globally. Our hydrocolloids, derived from natural sources, are a step towards a sustainable future, helping industries move away from synthetic polymers.

Over the decades, we have held steadfast in our mission to deliver superior quality, naturally derived products that embody the highest standards of safety and efficiency. Our aim is not only to provide an unparalleled service to our customers but also to contribute to a sustainable and eco-friendly world.

WELCOME TO SATGURU GROUP OF INDUSTRIES, WHERE NATURE MEETS INNOVATION

WHAT SEPERATES US:

Tailored Solutions: We understand that each customer is unique, and so are their needs. At SGI, we work closely with you to develop tailored solutions that meet your specific industry requirements.

Dedicated to Sustainability: We believe in the power of nature and are committed to using it responsibly. Our hydrocolloids are natural, renewable, and sustainable, helping industries to reduce their dependance on synthetic polymers.

Pioneers in Hydrocolloids : With decades of experience and roots tracing back to 1979, we are pioneers in developing & manufacturing of industrial hydrocolloids. Our expertise and innovation are reflected in the quality and diversity of our products.

Certified Excellence: These certifications, granted to us due to our stringent quality control and safety measures, are indicative of our pledge to offer only the best to our clientele.





SUSTAINABLE DEVELOPMENT:

Commitment to Renewable Resources: At Satguru Group of Industries, we prioritize the use of renewable resources across our product lines. The majority of our products are derived from sources that are renewable and managed under strict environmental guidelines.

Driving Industry Change: Satguru Group of Industries is dedicated & committed to ongoing innovation in product and process development to not only meet but set higher standards of sustainability within the industry.

Responsible Sourcing: We engage in sourcing practices that are mindful of environmental impacts, striving to minimize our ecological footprint while maintaining the natural balance of the habitats we utilize. This involves selecting raw materials from areas where their collection is controlled and sustainable.

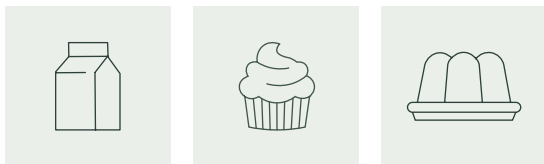
Supporting Local Communities: By collaborating with local farmers and harvesters, we not only bolster local economies but also promote practices that are environmentally sound and socially responsible. These partnerships are crucial in ensuring the sustainability of both our business and the communities we operate in.

Eco-Friendly Products for a Sustainable Future: Our products are specifically designed to be environmentally friendly, meeting our customers' needs while supporting broader ecological goals. This includes reducing chemical use, minimizing waste, and enhancing process efficiency—efforts that align with our goal to offer sustainable solutions within the industry.

Eco-Friendly Sourcing Practices: Our approach to sourcing is guided by a commitment to environmental sustainability and ethical practices.

APPLICATION AREAS:

01 Food:



Dairy

Confectionery

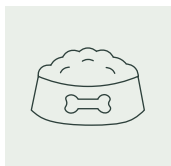
Jelly



Sauces

Meat

Beer



Pet Food

02 Cosmetics:



Cleansers

Conditioner

Gels

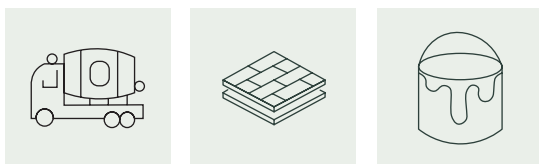


Serums

Shampoo

Lotions &
Creams

03 Construction:



Mortar

Tile
Adhesives

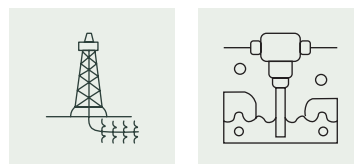
Paints



Concrete

Wall Putty
& Gypsum

04 Oil & Gas:



Hydraulic
Frackling

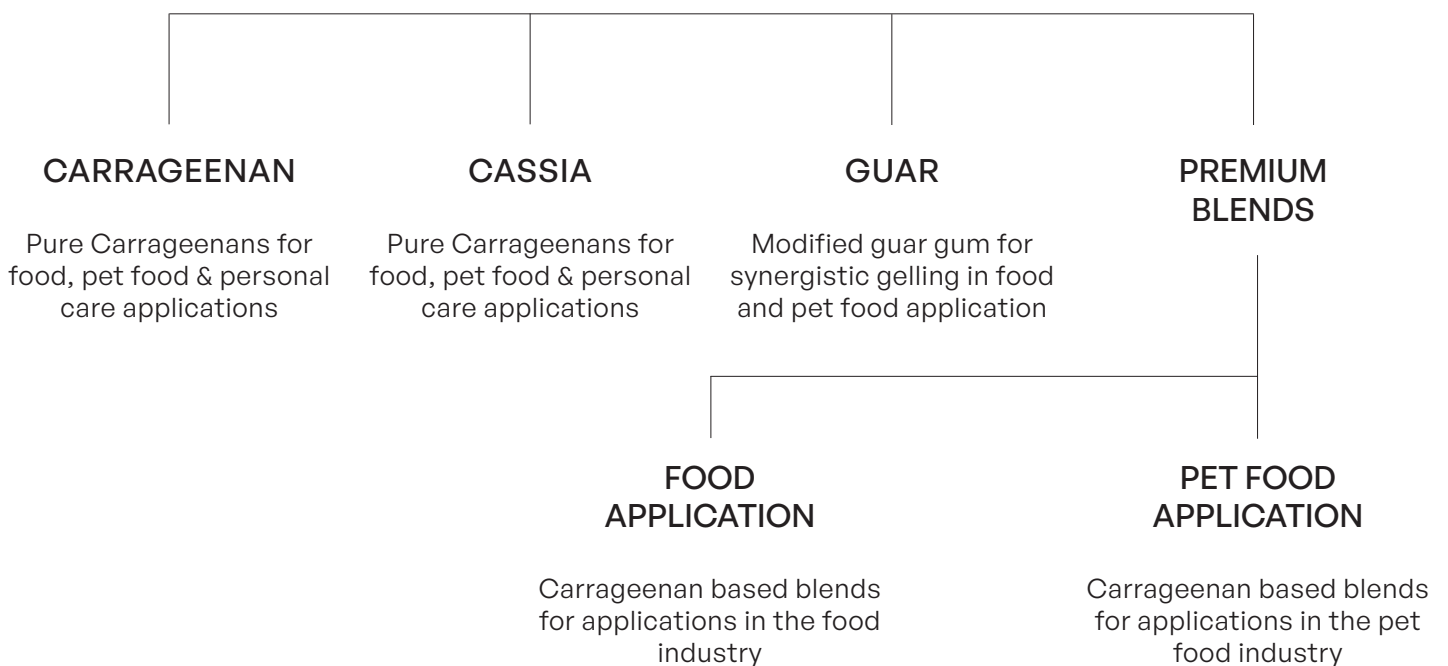
Drilling Fluids



SAIGEL RANGE

SaiGel range is Satguru Groups range of hydrocolloids & its blends for the food and pet food industry.

SAIGEL SERIES



SAIGEL CARRAGEENAN:

Superior Gelling for Diverse Applications:

SaiGel Carrageenan is derived from select seaweed sources along India's coastlines, showcasing unparalleled gelling properties ideal for a wide range of food products. From desserts to dairy and meats, it offers a versatile solution for texture enhancement and structural integrity, ensuring superior quality in every bite.

Enhanced Synergy with Co-Gelling Agents:

Designed to work in harmony with co-gelling agents like LBG, cassia gum, guar gum, and xanthan gum, SaiGel Carrageenan elevates food textures to new heights. This synergistic interaction enhances gel strength and elasticity, allowing for customized textures that cater to the evolving demands of consumers.

Sustainably Produced in India:

Proudly made in India, SaiGel Carrageenan not only contributes to the global food industry but also promotes the growth of the local seaweed market. Our commitment to sustainability and social responsibility reflects in every product, supporting local communities and protecting marine ecosystems, while delivering a product that meets global standards of excellence.

Product Series:

- Kappa Semi Refined
- Kappa Refined
- Cold Water Kappa Semi Refined
- Iota Semi Refined
- Iota Refined

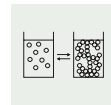
Properties and Advantages:



Moisture Retention



Stabilisation



Thermal Reversible Gelling



Thickening



Retort Stability

Application Areas:

Meat Products, Dairy Products, Confectionery, Personal Care, Beverages, Pet Food.



SAIGEL CASSIA:

SaiGel cassia is a refined cassia tora gum formulation derived from the cassia plant. It is a unique hydrocolloid known for its remarkable gelling aid characteristics when paired with other hydrocolloids. It's versatility extends from the Food industry where it is reliable gelling aid to enhance texture and stability to the pet food industry for wet canned food.

Sustainably Sourced from Cassia Seeds:

Cassia is derived from the best cassia seeds, aligning with Satguru Group of Industries' commitment to environmental responsibility. Our dedication to eco-friendly sourcing supports sustainable agricultural practices, allowing our customers to partake in a responsible supply chain that values the planet as much as product quality.

Synergistic Performance:

SaiGel Cassia shows exceptional synergy with carrageenan and xanthan gum to form hard gels. It serves well as a replacement for the more expensive Locust Bean Gum (LBG).

Product Series:

- Cassia Gum Powder
- Cassia Gum Powder Refined

Properties and Advantages:



Freeze
Thaw
Stability



Water
Binding



Synergistic
Gelling



Fat
Replacer



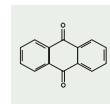
Retort
Stability



Rich
Mouth Feel



Cost
Effective
Substitute



Very Low
Anthraquinone
Value

Application Areas:

Pet Food, Dairy Products, Bakery, Dressings and Sauces, Meat Products.



SAIGEL GUAR:



SaiGel Guar is a Modified Guar gum formulation engineered to show synergistic gelling properties unlike traditional guar gum. This product when combined with other hydrocolloids like carrageenan, xanthan and etc, will enhance the gel strength and provide a slightly elastic gel texture. It has the potential to replace the more expensive locust bean gum (LBG).

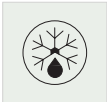
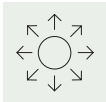





Versatile as a Multi-Functional Additive:

It can serve as a thickener when used standalone and act as a gelling aid with other hydrocolloids improving textures at a very high level.

Product Range:

- Modified Guar Gum Powder

Properties and Advantages:

	Freeze Thaw Stability		Multifunctional
	Synergistic Gelling		Thickening
	Retort Stability		Consistency Improver
	Stabiliser		

Application Areas:

Sauces, Dairy Products, Baked Goods, Meat Products, Pet Food and Etc.



SAIGEL PREMIUM BLENDS: PET FOOD APPLICATIONS

SaiGels carrageenan-based blends are specifically engineered for wet canned pet food, offering optimized gel strengths and exceptional retort stability.

These blends ensure that pet food maintains its texture and integrity through the canning and sterilization process, resulting in a high-quality product that provides consistent satisfaction and nutritional value.

Perfect for brands dedicated to delivering superior pet food, our blends enhance the eating experience for pets while ensuring safety and shelf stability.

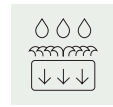
Properties and Advantages:



Freeze
Thaw
Stability



Gel
Performance



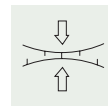
Water
Retention



Thickening &
Emulsifying



Retort
Stability



Elasticity





SAIGEL PREMIUM BLENDS: FOOD APPLICATIONS

At SGI, we recognize that some food production challenges cannot be addressed by single ingredients alone. Our carrageenan-based blends are expertly formulated to solve complex problems in the food industry, enhancing product quality where single-agent solutions fall short.

These blends improve texture, stability, and overall product integrity across various food categories, ensuring that manufacturers can meet both consumer expectations and regulatory standards. By combining carrageenan with complementary hydrocolloids, we create solutions that optimize the sensory and functional properties of food products, from dairy and meat to frozen desserts.

CarrX12 Series	Frozen Dessert
CarrX13 Series	Water Based Jelly Systems
CarrX14 Series	Meat
CarrX15 Series	Milk
CarrX16 Series	Beer



RICAT RANGE

Ricat Range is Satguru Group's Range of Natural Hydrocolloids for the Personal Care and Household Industry.

RICAT SERIES

RICAT

Cationic Guars for Hair and Skin Care

RICAT HP

Hydroxypropyl Guars for Thickening Solutions in Hair and Skin Care

RICAT CLEARX

Xanthan Gum Blends for Clear Thickening Solutions in Hair and Skin Care

RICAT

Cationic Guars for Hair and Skin Care

Traits:

Shampoos are usually made up of surfactants possessing high detergency and foaming abilities. Whilst they are efficient cleansers, they also cause the hair to lose its lipids making detangling and combing difficult after shampooing. RICAT is a cationic polymer derived from a naturally occurring polygalactomannan is designed to associate with the surfactants in a way that it can hold and efficiently deliver actives onto the hair. This helps in enhancing the conditioning properties of a conventional shampoo/conditioner and deliver better hair comb ability, shine and smoothness to the hair.

Why RICAT is the perfect choice as your conditioning polymer?

RICAT shows promising results in terms of conditioning and versatility across various surfactant systems making it the perfect additive for shampoos, conditioners and multi-use shower gels. The RICAT range deals with providing the highest deposition efficiency of actives (Silicones, anti-dandruff agents, etc.) on the hair and enhancing the shine, feel and manageability and damage protection. RICAT is an effective product which competes and outperforms the leading benchmark making it a cost effective import substitute. Choosing RICAT will not only provide you with the results you desire but also will be beneficial from a cost factor to you.

Advantages:



Conditioning



Easy Wash Off



Stability



Compatibility



RICAT HP

Natural Thickening Solutions for Personal Care

Advanced Thickening for Hair and Skin Care:

The RICAT HP series are hydroxypropyl guar derivatives specifically formulated to provide exceptional thickening properties for hair care and skin care applications. Whether it is shampoos, conditioners, lotions, or creams, the RICAT HP series delivers consistent, reliable performance.

Unmatched Compatibility and Natural Origin:

Crafted from completely natural and renewable sources, RICAT HP products are not only eco-friendly but also boast compatibility with a wide range of surfactants, active ingredients and work at a vast pH range. This versatility makes them ideal for formulating a diverse array of personal care products, accommodating everything from basic cleansing solutions to complex, treatment-oriented formulations.

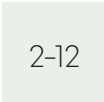




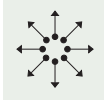



Sustainable and Effective:

RICAT HP is more than just an ingredient; it is a commitment to sustainable beauty. By choosing RICAT HP, brands can assure consumers of their dedication to environmental responsibility while providing high-performance, aesthetically pleasing personal care products.

Unique Sensory Benefits:

One of the standout features of the RICAT HP series is its ability to enhance the sensory experience. Products incorporating these hydroxypropyl guar offer a unique glide feel on the skin and impart a soft, luxurious texture. This distinctive characteristic elevates consumer products by improving application feel and overall user satisfaction, setting them apart in the competitive personal care market.

Advantages:

-  2-12 Wide pH Compatibility
-  High Alcohol Tolerance
-  High Salt Tolerance
-  Unique Glide Feel
-  No Tackiness
-  Dispersibility
-  Natural Origin
-  Versatility
-  Compatibility



RICAT CLEARX SERIES:

Crystal-Clear Solutions for Enhanced Product Aesthetics

Premium Transparency for Diverse Formulations:

The RICAT ClearX series stands out in the market with its xanthan gum-based blends, specifically engineered for applications demanding high transparency. These innovative blends are perfect for creating clear gels, serums, and other personal care and cosmetic products where clarity is a key aesthetic attribute.

Advanced Formulation Compatibility:

RICAT ClearX excels in formulation versatility. These blends are compatible with a broad spectrum of cosmetic ingredients, including a wide range of surfactants and active agents. This compatibility ensures that RICAT ClearX can be integrated seamlessly into formulations without compromising the clarity and quality of the final product.

Elevate Consumer Experience:

Incorporating RICAT ClearX into your products can significantly enhance the consumer experience by delivering visually stunning, clear, and effective products. The clear and consistent gel structure formed by RICAT ClearX adds a luxurious feel, appealing to consumers seeking high-quality and aesthetically pleasing personal care options.

Superior Performance and Stability:

Developed to meet the stringent demands of the beauty industry, RICAT ClearX provides not only exceptional clarity but also enhances the stability and rheological properties of formulations. Its consistent performance across various pH levels and ingredient interactions makes it a reliable choice for manufacturers looking to innovate without limits.

Advantages:

-  2-12 Wide pH Compatibility Suspension
-  Natural Origin Unique Glide Feel
-  Compatibility High Transparency





GALMANN FRACTOGEL RANGE:

Galmann FractoGel Range is Satguru Group's range of natural hydrocolloids for the oil & gas industry.

GALMANN FRACTOGEL SERIES

**GALMANN
FRACTOGEL 20**

Hydroxypropyl Guars

**GALMANN
FROCTOGEL 40**

Carboxymethyl
Hydroxypropyl
Guars

GALMANN FRACTOGEL SERIES:

Superior Proppant Suspension and Low Residue:

The Galmann FractoGel series is designed to offer outstanding proppant suspension that maintains the integrity and placement of proppants during hydraulic fracturing. This key feature prevents premature settling and ensures even distribution throughout the fracturing fluid. Additionally, Galmann FractoGel is formulated to leave minimal residue after the breaking process, significantly reducing the risk of formation damage and enhancing the flowback of fracturing fluids and regaining the fracture conductivity.

HPHT Performance Under Extreme Conditions:

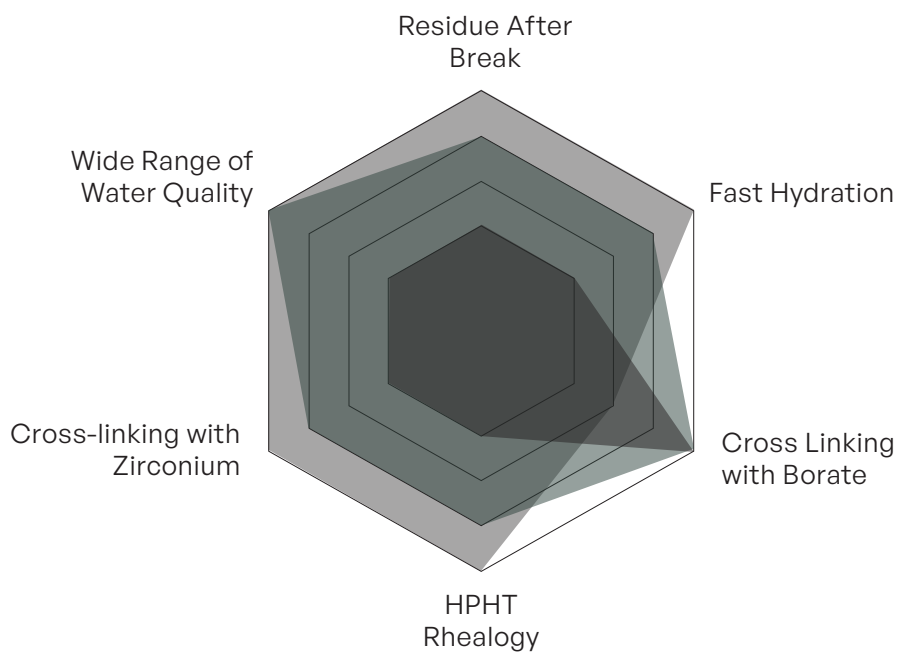
Tailored for high-performance under demanding conditions, Galmann FractoGel products maintain their functional properties even in the varied pH environments and temperature extremes typical of fracking sites. This durability ensures consistent performance, providing reliable and efficient viscosity management throughout the hydraulic fracturing process.

Optimized Linear Viscosity and Metal Crosslinking:

Galmann FractoGel, a superior range of Carboxymethyl Hydroxypropyl Guar (CMHPG) and Hydroxypropyl Guar (HPG), is specifically engineered to meet the rigorous demands of the hydraulic fracturing industry. This series excels in providing optimised viscosity solutions in brine that are essential for efficient fracking operations. Enhanced with exceptional metal crosslinking capabilities, Galmann FractoGel ensures robust gel structures that can withstand extreme subsurface conditions, optimizing the delivery of proppants to the fracture network.



Product	Galmann FractoGel 20	Galmann FractoGel 40
Type of Product	Hydroxypropyl Guar	Carboxymethyl Hydroxypropyl Guar
Viscosity in 2% KCL, 40ppT	>40	>33
Gel loading, @ 300RPM Fann		
Residue after break in %	<3	<3
pH in DI water (0.5%)	6.5	9.8
Brine Tolerance	Upto 15%	Upto 15%
Crosslinking with Zr/Ti	Medium	Very High



- CMHPG (Fractogel 40)
- HPG (Fractogel 20)
- Traditional Guar GUM



FLOWBIND RANGE

FlowBind Series is Satguru Group's Range of Hydrocolloids for the Construction Industry.

FLOWBIND SERIES

VMX

A Proprietary Natural Polysaccharide Derivative for Applications in High Flow Concrete, SCC, Concrete Mix, Cement-Mortar Systems, Etc.

PXR

A Series of Hydroxypropyl Guars for Thickening in Paints.

WGT

Blends Based on Hydroxypropyl Guars for Applications in Wall Putty, Tile Adhesives, Gypsum Based Plasters, Cement Mortar.

GSP

A Proprietary Formulation for Applications in Pure Gypsum Plasters, Gypsum Spray Plastering, Floor Screeds, Joint Compounds, Pure Cement Systems, Etc.

FLOWBIND VMX:

Innovative Solution for Modern Construction:

FlowBind VMX, a key component of the FlowBind series, represents a breakthrough in construction technology as a proprietary rheology modifier. Based on a natural galactomannan, this non-ionic product is formulated to enhance the performance of Self-Compacting Concrete (SCC), high-flow concrete, and cement mortar systems.

VMA Application :

FlowBind VMX is designed to modify viscosity effectively, providing superior control over the flow properties of concrete and mortar. This makes it an ideal choice for applications requiring precise placement and high workability without compromising the structural integrity of the material. By facilitating easier handling and application, VMX enhances the efficiency and quality of construction projects.

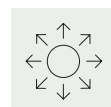
Sustainability and Safety:

Aligned with modern sustainable construction practices, FlowBind VMX is derived from natural sources, contributing to its eco-friendly profile. It supports not only the environmental goals of construction projects but also ensures safety and compliance with industry standards.

Versatile and Reliable Performance:

Suitable for a wide range of construction environments, FlowBind VMX ensures consistent performance in diverse conditions. Whether it's in the intricate demands of SCC or the robust requirements of high-flow concrete systems, VMX adapts to provide optimal results. Its non-ionic nature ensures compatibility with various cementitious systems, making it a versatile choice for enhancing rheological properties.

Advantages:



Uniformity



Workability



Stabilisation



Viscosity



Water Retention



Strength

Application Areas:

High flow concrete, SCC, Concrete Mix, Cement-Mortar Systems, Etc.



FLOWBIND PXR:

High Viscosifying Abilities:

FlowBind PXR, a series of Hydroxypropyl Guars, engineered specifically for the paint industry, offering outstanding viscosifying capabilities. This series of hydroxypropyl guars enhances the rheological properties of paints, ensuring optimal consistency and flow control that painters and manufacturers demand for high-quality finishes.

Enhanced Enzyme Stability:

One of the standout features of FlowBind PXR is its enhanced enzyme stability. This characteristic ensures that the viscosity and overall performance of the paint remain consistent over time, even in environments that could potentially degrade lesser-quality additives. Paints formulated with FlowBind PXR maintain their application properties and aesthetic appeal, providing long-lasting results.

Advantages:



High
Viscosity



Bio-stability



Enzyme
Stability



Sustainable

Superior Biostability:

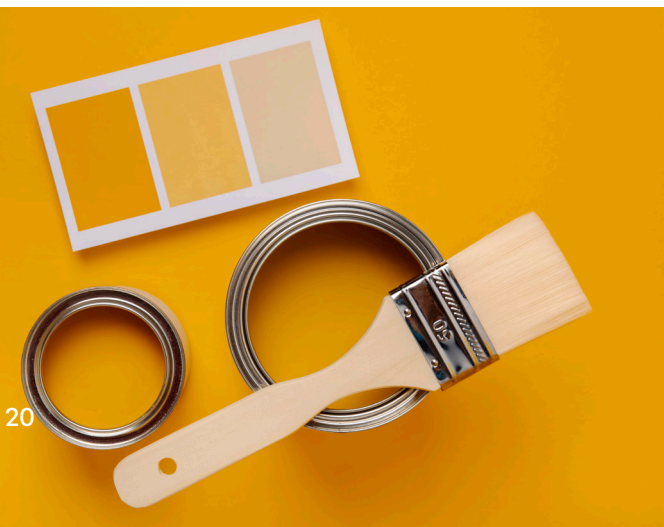
In addition to enzyme stability, FlowBind PXR exhibits excellent biostability, preventing microbial growth in paint formulations. This is crucial for maintaining the quality and safety of paint products, particularly in humid or prone-to-contamination settings. The biostability of FlowBind PXR helps extend the shelf life of paints and reduces the need for excessive preservatives.

Reliable Performance and Sustainability:

FlowBind PXR is not only effective but also made from renewable resources, aligning with modern sustainability practices in the coatings industry. Its reliable performance and environmentally friendly profile make it an ideal choice for paint manufacturers committed to reducing their ecological footprint while delivering superior products.

Application Areas:

Latex Paints



FLOWBIND WGT:

Superior Water Retention, Workability and Adhesion:

Designed to provide both builders and manufacturers with a competitive edge, FlowBind WGT has tremendous water retention and increases the workability of plasters and adhesives, facilitating easier and more efficient application. The enhanced adhesion properties ensure a strong bond and long-lasting durability, making it ideal for both renovation and new construction projects.

Effective Alternative to Cellulose Ethers:

FlowBind WGT presents a compelling alternative to cellulose ethers, commonly used in wall plaster and adhesive formulations. Its ability to achieve comparable or superior functionality makes it an attractive option for manufacturers looking to explore new materials that offer improved performance and cost-effectiveness.

Application Areas:

Wall Putty, Tile Adhesives, Gypsum Based Plasters, Cement Mortar.

Optimized Performance for Construction Materials:

FlowBind WGT, is a series of specialised Hydroxypropyl guar formulations tailored to improve the performance of wall plasters, gypsum-based plasters, and tile adhesives. This product offers exceptional control over the rheological properties of these materials, enhancing their application and end-use characteristics.

Advantages:



Anti-Sag



Workability



Smooth Finish



Environmentally Sustainable



Water Retention



FLOWBIND GSP:

Ideal for Neutral pH Gypsum Applications:

FlowBind GSP is particularly effective in pure gypsum formulations with a neutral pH, enhancing the material's handling and stability during application. For applications involving high pH gypsum, FlowBind WGT is recommended, ensuring that each specific gypsum type is paired with the most effective product for its pH range.

Enhanced Compressive Strength and Workability:

Incorporating FlowBind GSP into your formulations not only improves uniformity and workability but also significantly boosts the compressive strength of the final product. This makes it an excellent choice for high-strength applications, such as advanced construction and repair projects where durability is key. The addition of BMA further enhances these properties, offering an even greater strength profile.

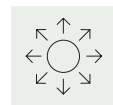
Application Areas:

Pure Gypsum Plasters, Gypsum Spray Plastering, Floor Screeds, Joint Compounds, Pure Cement Systems, Etc.

Specialized Non-Ionic Viscosifier and Water Retention Aid:

FlowBind GSP is a premium non-ionic viscosifier tailored to enhance the performance of joint compounds, tile adhesives, and both gypsum spray and hand plastering. Designed specifically for pure gypsum applications where the pH is closer to neutral, FlowBind GSP ensures optimal viscosity and superior water retention, facilitating smoother application and reliable adhesion.

Advantages:



Uniformity



Workability



Sustainable



High Compressive Strength



Water Retention



Faster Setting Time





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