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Global Solution
Provider for
Polyurethane Industry



INFINITE SYNERGIES



Chairman's Message

Dear Esteemed Stakeholders,

As we navigate the ever-changing terrain of the polyurethane industry, an overwhelming surge of pride and gratitude fills my heart for the remarkable achievements we have accomplished together at Cosmic Industries. Our unwavering commitment to excellence, innovation, and sustainability has set us apart as a true leader in polyurethane and polyisocyanurate blending chemicals, not only within the GCC but also on a global scale.

The unprecedented growth we have witnessed stands as a living testament to the sheer dedication and industriousness of our exceptional team. Their unrivaled expertise and boundless passion have propelled our success, enabling us to seamlessly meet the ever-evolving needs of our esteemed clients across diverse sectors, encompassing automotive, construction, and furniture. Rest assured, we remain resolute in our unwavering devotion to investing in pioneering technology and conducting groundbreaking research, all aimed at developing superior, environmentally friendly products that steadfastly contribute to the cultivation of a more sustainable future.

At Cosmic Industries, we firmly believe that our corporate responsibility extends far beyond the realms of mere business. We take immense pride in fostering a safe and inclusive workplace, empowering our employees to thrive in an environment that values diversity and unity. Moreover, our steadfast commitment to supporting and uplifting our local communities remains an inseparable part of our very essence. By minimizing our environmental footprint through sustainable practices, we strive to forge a positive impact that harmoniously aligns with our core values and the high expectations of our valued stakeholders.

As we cast our gaze towards the horizon, the future brims with an incredible array of opportunities. Together, we shall relentlessly challenge the status quo, in receipt of the very essence of innovation, and fortify our strategic partnerships. I extend my heartfelt gratitude for your unwavering support and trust. Let us forge ahead, united in confidence and determination, as we shape the future of the polyurethane industry.

With warm regards,

Piyush Goyal



Vision

"To establish global dominance as the preeminent leader in providing sustainable polyurethane solutions, championing breakthrough innovations and unwavering excellence in our superior products, all while prioritizing our unwavering commitment towards environmental stewardship and upholding unwavering social responsibility. We tirelessly endeavor to empower industries through the utilization of high-performance, ecologically-friendly polyurethane materials, significantly enhancing the quality of life while ardently contributing to the creation of an enduringly sustainable future for countless generations to come."



Mission

"Our mission encompasses surpassing all expectations by delivering impeccably crafted polyurethane solutions of the utmost quality, which flawlessly cater to the diverse and numerous needs of our esteemed clientele, whilst simultaneously revolutionizing and advancing the principles of sustainability and innovation within our industry at an unprecedented pace. We remain unwaveringly committed to the development of eco-friendly products, optimizing our manufacturing processes to minimize any detrimental environmental impact, and fostering a culture deeply rooted in safety and excellence. By fostering fruitful partnerships with our valued collaborators and investing in the development and well-being of our exceptional workforce, we constantly strive to generate exceptional value for our esteemed stakeholders and make tireless strides to leave a positive and indelible mark on our communities and the natural world we collectively inhabit."

Who We Are

At Cosmic Industries, we reign as the unrivaled pioneers within the realm of innovative polyurethane solutions, earnestly committed to catering to an expansive range of industries, including the automotive, construction, furniture, and insulation sectors. Backed by an illustrious track record of unwavering excellence and a steadfast dedication to unparalleled standards of quality, Cosmic Industries is undoubtedly the premier choice for discerning individuals and organizations alike.

Within our esteemed ranks, we cultivate a team of consummate experts, who skillfully combine vast reservoirs of industry knowledge and cutting-edge technology to masterfully craft high-performance polyurethane products that seamlessly adapt to the ever-changing needs of our esteemed clients. Our exceptional commitment to raising the bar extends to our state-of-the-art manufacturing facilities, which scrupulously adhere to the most exacting safety and sustainability standards, ensuring that our operations are conducted in a manner that is both environmentally sound and socially responsible.

At the very core of our operations lies an unwavering devotion to environmental stewardship. We firmly believe in the pursuit of responsible manufacturing practices, an unwavering commitment to minimizing waste generation, reducing energy consumption, and judiciously employing renewable resources. Our unwavering focus on sustainability effortlessly extends to our expansive product portfolio, as we tirelessly endeavor to conceptualize and fabricate eco-friendly alternatives that seamlessly contribute to a greener and more ecological future.

Collaboration serves as the cornerstone of our resounding success. We wholeheartedly embrace a close-knit alliance with our valued partners, customers, and stakeholders, as we passionately foster an environment that enthusiastically encourages innovation and propels unparalleled advancements in polyurethane technology. Our ultimate aim is not merely meeting the expectations of our distinguished clientele, but far surpassing them, as we strive to provide groundbreaking solutions that seamlessly elevate their operational proficiency and elevate their overall performance to unprecedented heights.

At Cosmic Industries, we are enveloped in an intrinsic passion for what we do, wholeheartedly dedicating ourselves to making an indelible positive impact on our industry and the environment at large. We extend an earnest invitation, imploring you to accompany us on this exceptional sojourn towards a future that we can collectively cherish and one where innovation and responsibility stand tall, hand in hand.



Preface/ Introduction

Cosmic Industries offers a variety of Rigid Polyurethane Products for Insulation requirements under various brand names Cosmipol ®, Cosmate ®, Cosmicat ®, Cosmifix ®, Cosmisol ® series that include formulated Polyurethane systems, Isocyanate, Catalysts, Additives, Adhesives & Blowing Agents respectively designed to meet client needs and processing requirements.



Cosmic Industries

Cosmic Industries has solidified its position as a dominant player in the market, rising through the ranks to become a leading contender and emerging market leader. With a clear vision to expand our footprint beyond the region, our mission is to design, develop, and deliver cutting-edge products that combine unparalleled technical expertise with commercial acumen, tailored to meet the unique needs and specifications of our valued customers.

At the heart of our success lies our unwavering commitment to customization, innovation, and speed. We understand that every customer has distinct requirements, and our team of highly skilled professionals is dedicated to delivering bespoke solutions that exceed expectations. Our state-of-the-art infrastructure, coupled with our expertise in cutting-edge technologies, enables us to offer rapid prototyping, testing, and production, ensuring that our customers receive their products with unprecedented speed.

Our team of experts is driven by a shared passion for excellence, innovation, and customer satisfaction. With a customer-centric approach, we strive to provide exceptional service, technical support, and after-sales care, ensuring that our clients receive the best possible experience. Our dedication to building long-term relationships, combined with our agility and responsiveness, has earned us a reputation as a trusted partner in the industry.

As we continue to grow and expand our presence, we remain committed to our core values of innovation, quality, and customer satisfaction. With a relentless focus on research and development, we aim to stay ahead of the curve, anticipating market trends and customer needs to deliver pioneering solutions that shape the future of our industry.

PRODUCTS



Cosmipol® is a formulated Rigid Polyurethane System that is customized for various applications ranging from Sandwich Panels (CP and DP series), Spray (SS series), Block Foams (BS Series), Pipe Insulation (PI Series), Appliances (AS and RS Series), Ducting Board (DB Series)



Cosmate® is a series of Isocyanates with various functionalities such as Low and High functional catering to various applications that require high performance.



Cosmicat® is a series of catalysts customized to meet suitable reaction profiles for the processing of Continuous Lamination and Discontinuous Panel Systems of various thicknesses, profiles, and Sizes.



Cosmifix® is a series of Glue/adhesives suitable for Sandwich Panel applications using Polyisocyanurate and Rockwool as the core. They offer superior adhesive properties to ensure the substrate is intact with the core material.



Cosmisol® is a series of Blowing Agents/cleaning agents /solvents used as ancillary PU applications for machines that require regular cleaning of mixing heads and maintenance.

POLYISOCYANURATE SANDWICH PANEL SYSTEMS

Our innovative Cosmipol CP-R series Polyisocyanurate Systems for continuous lamination systems are meticulously engineered to meet the demanding needs of the Construction Industry. These systems offer exceptional performance and versatility, especially in challenging temperature conditions.

Our CP-R series can be customized for different machine types and production lines, with options ranging from 2 to 5 components.



Available for various machine types and production lines



Key Features



Superior Thermal Performance:

Our panels provide high R values, leading to superior energy efficiency and improved indoor comfort.



Consistent Dimensional Stability:

Our systems maintain panel shapes and R values, ensuring consistent insulation performance.



Fire Resistance:

Our systems Comply with Fire resistance standards EN13501-1 Class BS1D0 and ASTM E84 Class A.



Durability & Versatility:

Our panels can be used for roofs, walls, and floors.



Environmental Benefits:

Our systems have a lower Global warming potential compared to other insulation materials.



Sustainability Advantage

The Cosmipol DP Series are developed with environmentally friendly formulations, making them a greener choice.

Reduced Carbon Footprint



Energy savings from DP Series minimize carbon emissions, supporting organization's Sustainability goals

Longevity



Durable and long-lasting, reducing replacement needs, waste, and associated environmental impacts.

Recyclability



Promotes a circular economy with increased recycling rates, minimizing landfill waste.

COLD STORAGE PANEL SYSTEMS

Cosmipol DP Series Cold Storage Panels

Our Cosmipol DP Series represents cutting edge solution for the Cold Storage industry, engineered to deliver exceptional thermal resistance, durability and sustainability. These systems are designed for discontinuous Panel systems using injection technology for High Pressure and Low-pressure machine types.



Available for various machine types and production lines

Key Features

The Cosmipol DP Series delivers exceptional energy efficiency and low maintenance for major cold-storage insulation.



Fast Curing

Our system has a fast de-mold time, improving productivity.



Superior Flowability

Our DP series improves the density distribution of panels, resulting in higher durability.



Flexibility and Customization

Our DP series can accommodate various shapes, sizes, and thicknesses that are challenging to achieve with continuous lamination methods.

Application

The Cosmipol DP Series delivers exceptional energy efficiency and low maintenance for major cold-storage insulation.



Suitable for High-End Applications

Our DP series is ideal for cold rooms and refrigerator trucks, where robust performance is critical.



Clean Rooms

Used in pharmaceutical, biotechnology, and semiconductor manufacturing environments where contamination control is crucial.



Transport

Applied in refrigerated trucks and containers, providing insulation to maintain temperature-sensitive goods during transport.



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Promotes a circular economy with increased recycling rates, minimizing landfill waste.

SPRAY SYSTEMS

Cosmipol SS Series Polyurethane Spray Foam Systems

Our highly customized Cosmipol SS series of Closed cell Spray Polyurethane Systems are designed to meet the stringent insulation & sealing requirements.



The foam can be sprayed into any shape or area, allowing for precise insulation in irregular spaces.

Key Features

The Cosmipol SS Series offers superior insulation combined with super tight air sealing with moisture control and durability.



Energy Efficiency

Our systems have a high R-value per inch, meaning it offers excellent resistance to heat transfer and reducing energy consumption for heating and cooling. This translates to lower energy bills and increased comfort



Air Sealing

Our spray insulation creates an airtight barrier, preventing air infiltration and reducing energy loss.



Moisture Control

Our spray systems have superior moisture control properties, acting as a vapor barrier and regulating humidity levels to prevent mold growth and protect against pollutants and allergens.

Benefits for Construction professionals



Energy Efficiency

Meets and exceeds building insulation standards

Cost effectiveness

Long-term savings through reduced energy consumption

Easy application

versatile applications and easy customization

Environmental friendly

User and environmental friendly Blowing agents



Sustainability Advantage

The Cosmipol SS series offers unique advantages in the areas of durability and health

Noise Reduction



Our spray insulation absorbs sound pollution.

Versatility & Durability



Our fast-curing spray insulation speeds up application time and has a long lifespan and does not sag or settle over time, maintaining its insulating properties for years

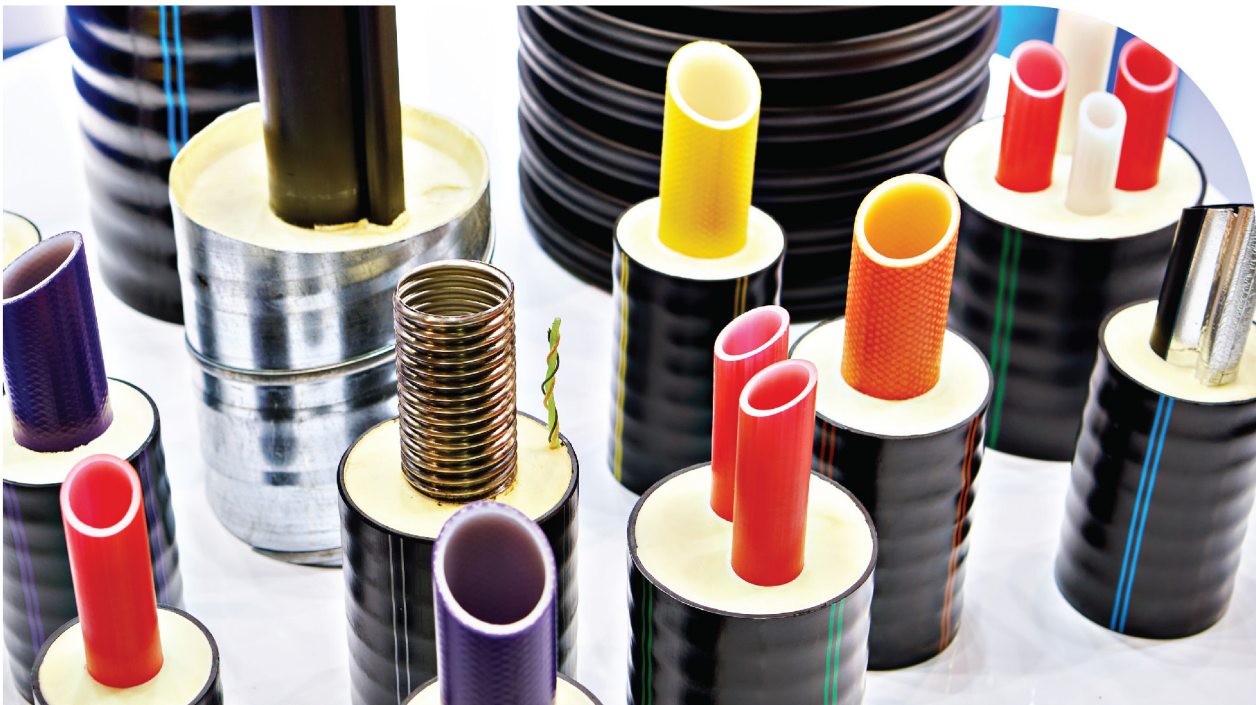
Low VOC Emissions



Our systems have low VOC emissions, prioritizing the health of applicators and using sustainable raw materials with the environment in mind.

Cosmipol PI Series Pipe insulation systems

Our Cosmipol PI Series offers a wide range of pipe insulation applications using injection and continuous spray methods. These systems align with industry insulation and fire resistance standards while offering higher durability and versatility. They can be highly customized to meet the specific requirements of the oil and gas industry



Available for various densities and production lines



Key Features



Superior Thermal Performance

High R-Value helps to maintain the temperature of fluids within pipes, reducing heat loss or gain.



Energy Efficiency

By minimizing energy loss, helps reduce the overall energy consumption of HVAC systems.



Moisture Resistance

Prevents Condensation: preventing water damage to surrounding structures



Durability

highly durable and resistant to physical wear, tear, and aging, withstand harsh environmental conditions



Fire Resistance

enhance the fire safety of piping systems in buildings and industrial environments meeting relevant fire safety standards.



Sustainability Advantage

The Cosmipol PI Series are developed with environmentally friendly formulations, making them a greener choice.

Reduced Carbon Footprint



Using GWP & ODP Free blowing agents helps reduce carbon emissions and ozone depletion.

Longevity



One time installation helps reduce maintenance and replacement

Recyclability



Everlasting and promotes circular economy, minimizing landfill waste

Cosmipol AS Series Energy Efficient Water Heater Systems

Our Cosmipol AS series systems offer superior appliance systems for water heaters. These systems provide high performance using various blowing agents preferred in the market for both domestic and industrial use.



Key Features

The Cosmipol AS series delivers superior insulation with high energy efficiency and low maintenance for diverse applications.



Increased Energy Efficiency

Effectively reduces heat loss from the water tank, leading to significant energy savings. This can result in lower utility bills and a reduced environmental impact.



Reduced Standby Losses

Helps to minimize heat loss during periods when the water heater is not in use, further enhancing energy efficiency.



Improved Water Temperature

By reducing heat loss, it helps to maintain a consistent and hot water temperature.



Longer Lifespan

The insulation protects the water tank from corrosion and other environmental factors, extending its lifespan.



Quiet Operation

Can help to reduce noise levels associated with water heater operation.



Sustainability Advantage

The Cosmipol AS & RS series delivers high productivity, superior energy efficiency, and product customization on-site

Energy Efficiency



Our appliance systems have superior thermal resistance values, high closed-cell content, and excellent adhesion to refrigerator walls.

Durability



The high compression strength of our appliance systems ensures long-lasting performance, resistant to impacts and bumps.

Lightweight

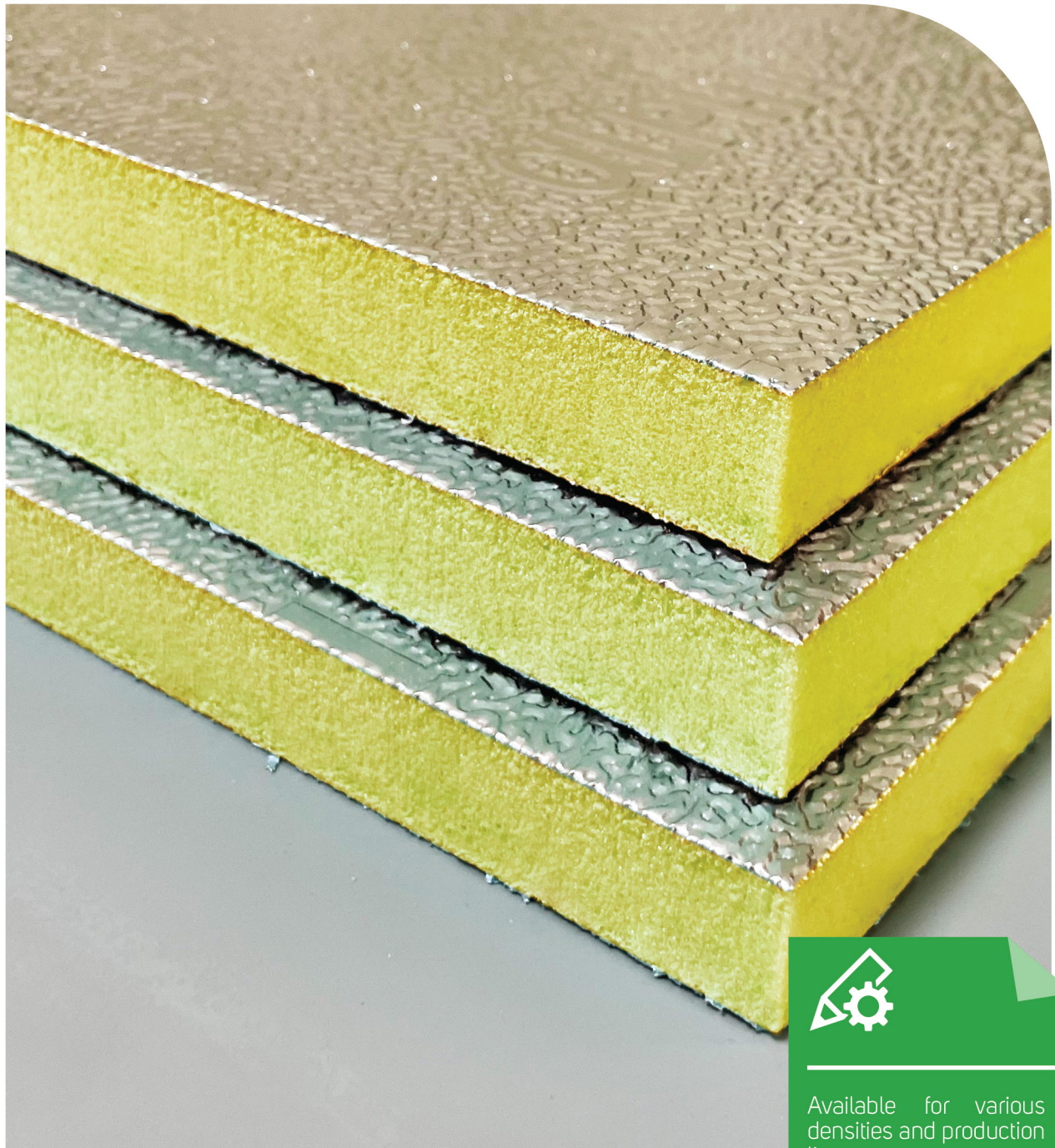


Our Cosmipol system utilizes innovative technology to produce high-performance appliance systems with moderate density, offering superior mechanical performance.

DUCTING BOARD INSULATION (HVAC SYSTEMS)

Cosmipol DB Series Board Systems

Cosmipol DB Series is a specialized material designed to reduce heat loss or gain in HVAC (heating, ventilation, and air conditioning) systems. It offers excellent thermal performance, durability, and versatility, making it a popular choice for insulating ductwork.



Available for various
densities and production
lines

Key Features

The Cosmipol DB Series delivers superior insulation with its high R value, Durability and noise insulation.



High R-value

Cosmipol DB Series has an exceptionally high R-value, meaning it provides excellent thermal resistance. This helps to minimize heat loss in the winter and heat gain in the summer, leading to significant energy savings.



Durability

Cosmipol DB Series is a durable material that can withstand harsh conditions, including moisture, temperature fluctuations, and chemical exposure. This makes it ideal for use in HVAC systems, where it can provide long-lasting insulation.



Lightweight

Panels produced using Cosmipol DB Series is lightweight, which can make it easier to install and handle compared to other insulation materials. This can help to reduce labor costs and improve installation efficiency.



Versatility

It can be used in a variety of HVAC applications, including residential, commercial, and industrial systems. It is suitable for both new construction and retrofit projects.



Noise reduction

In addition to its excellent thermal performance, it can also help to reduce noise transmission through ductwork. This can improve indoor comfort and reduce noise pollution.

Applications of ducting board polyurethane foam insulation



Residential HVAC systems

Insulating ductwork in homes to improve energy efficiency and reduce heating and cooling costs.



Commercial HVAC systems

Insulating ductwork in offices, retail spaces, and industrial facilities to minimize energy loss and improve comfort.



Industrial processes

Protecting ductwork in industrial settings from extreme temperatures and corrosive environments.

Cosmipol BS series high performance thermal resistance block System

Our Cosmipol BS series offers block systems for both PIR and PUR range suitable for block foams of different sizes and density meeting the stringent thermal & Fire resistance properties for major industrial applications.



Available for various
densities and production
lines

Key Features

The Cosmipol BS series block system delivers superior thermal resistance combined with fire resistance for diverse applications including Buildings, Pipe Insulations, Transportation and packaging.



Superior R value

High (R-value) per inch of thickness ensures reduction heat transfer for critical applications.



Improved Fire Safety

Fire-retardant blocks contribute to building safety by delaying the spread of flames



Fine Cells with Higher Closed-Cell Content

achieves uniform density distribution with a defect-free surface.



High Compression and Superior Dimensional Stability

Ensures longevity and durability, making it suitable for challenging applications.



Versatility and Durability

Can be cut and shaped to fit various insulation needs, customizable and versatile

Benefits



Reduced Thickness for Same Insulating Effect ideal for large applications

Faster Demolding Time

Our systems have a scorch-free core for high-density systems

Lightweight

Achieves higher thermal resistance at low density compared to alternatives



Sustainability Advantage

The Cosmipol BS Series offer superior Rigidity, moisture resistance and environment friendly

Reduced carbon footprint



Environment friendly Blowing Agents offer low GWP & ODP reducing emissions considerably

Durability and longevity



Structurally strong at optimum density makes is easy to use, Moisture & Water Resistant

Recyclability



promotes a circular economy with increased recycling rates, minimum landfill waste

Cosmipol RS Series super-efficient refrigerator Systems

Our Cosmipol RS Series is a Refrigerator System designed as a vital component in modern refrigerator systems due to its excellent insulating properties. It is used to insulate the walls, doors, and top of the refrigerator, creating a barrier that prevents heat from entering and cold air from escaping.



Benefits



Energy Efficiency

Superior energy efficiency meets the required energy ratings

Cost effectiveness

long-term savings through reduced energy consumption

Design flexibility

Versatile applications and customizable options

Easy Application

Easy to mold on various sizes and types

Key Features

The Cosmipol RS Series delivers superior insulation, durability combined with customization and low-maintenance refrigerator systems.

Energy Efficiency



With high R-value, it provides excellent thermal resistance; thereby minimizing heat transfer into the refrigerator and lowering energy consumption. Cosmipol RS Series' closed-cell structure provides an excellent barrier to heat transfer

Low Global Warming Potential (GWP) & Ozone depleting Potential (ODP)



In-house developed formulations offer low-GWP & ODP blowing agent systems, making them more environmentally friendly with low emissions.

Temperature Maintenance



By effectively insulating the refrigerator, it helps to maintain a consistent temperature inside, ensuring that food stays fresh for longer.

Flowability



Can be applied in various forms and easily molded to fit intricate or irregular spaces, ensuring full coverage and optimal insulation performance.

Air and Vapor Barrier



Creates effective air and vapor barrier, helping prevent condensation, which is a common issue in refrigeration systems. This is particularly important for maintaining temperature stability and preventing the formation of ice or frost.



Sustainability Advantage

The Cosmipol RS series delivers durability combined with low cost maintenance of refrigerators.

Durability



By minimizing moisture infiltration, it helps protect refrigeration equipment and structural components from corrosion and improves the overall durability.

Minimal Repair Requirements



Due to its durability and resistance to wear, it typically require fewer repairs and replacements thereby having low cost maintenance.

Quiet Operation



It can also help to reduce noise levels associated with the refrigerator's operation, creating a quieter environment in your home.

Cosmipol WI Series high durable Wood imitation Systems

Our Cosmipol WI Series Wood imitation systems offer a combination of aesthetic appeal and functional advantages that can closely mimic the look and feel of natural wood, offering a range of benefits that make it an attractive alternative in various applications like furniture, flooring, cabinetry, and décor.



The foam can be moulded into any shape or area, allowing for precise insulation in irregular spaces.

Key Features

The Cosmipol WI Series delivers superior properties comparable of natural wood, better durability and environment friendly.



Superior Aesthetics

Ideal for ceilings, wooden cornices matching natural wood, light weight



Light Weight

easy to mold and transport and thereby reducing transportation costs.



Durability and Longevity

Resistant to wear and tear, moisture & weather resistant, paint compatible, termite resistant



Low Maintenance

One time installation ensures no maintenance, no coatings required to preserve.

Benefits



Moldable and Customizable

Into complex shapes, sizes, and profiles, allowing for custom designs

Color and Pattern Flexibility

Can be customized with a variety of finishes, paints and coatings with unique colors and effects.

Improved Structural Integrity

Can be reinforced in some cases for use in high-stress applications.

No Shrinking or Expanding

Maintains its size and shape, ideal of various environmental conditions.

Cost-Effective

Cheaper alternative to wood with longevity in lifecycle.



Sustainability Advantage

Eco-Friendly Alternatives



excellent alternative to wood, uses recycled materials, reduces emissions.

Lower Carbon Footprint



helps conserve forests and reduces the environmental impact of logging, transportation, and wood processing.

One-time installation



no repairs and moisture resistance ensures long life promoting the circular economy.

OTHER APPLICATIONS

Key Features

Apart from the conventional insulation applications, Cosmic has various turn-key solutions for projects that require exclusive customization.

In-situ Pouring

Injection into a mold, cavity, or a specific location where it expands and solidifies into a rigid, insulating material. This method is particularly advantageous in applications requiring tailored insulation properties, complex shapes, or continuous insulation coverage in place (on-site).



Marine & Offshore Applications

Shipbuilding and Offshore Platforms

Cosmic has expertise in applications like in-situ-into the hulls of ships, offshore platforms, or oil rigs, to provide insulation, buoyancy, and protection against corrosive elements. It helps improve the structural integrity and energy efficiency of these structures.



Molded and Structural Foam Parts

Custom Molds and Structural Insulation

In applications that require custom insulation profiles (e.g., insulated doors, windows, and panels), in-situ pouring of rigid PU foam can be used to form the exact shape and thickness needed for specialized parts or structures.



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