



**QIĀN
DYNAR**



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Biopolymer Park, 24300 Kerteh,
Terengganu

COMPANY PROFILE

Insulation Materials

- Cellular Glass
- Foam Glass
- PUR
- PIR
- Aerogel

Insulation Chemicals

- Mastics
- Vapour Barrier
- Sealant

Insulation Accessories

- Banding & Wing Seal
- Insulation Pins & Washer
- Screw & Rivets
- Insulation Fabrics & Cloths
- Inspection Window Plug
- Material Jacketing

Insulation Materials Across Industries

Qian Dynar specializes in supplying top-notch insulation materials to industries such as Oil & Gas, Petrochemicals, Marine, Rubber & Cement Manufacturing, and Palm Oil production. Qian Dynar stands out not just for our quality products, but also for our commitment to lasting partnerships.

At Qian Dynar, we strive to ensure that we provide the best solutions for problems with the help of our expert team of engineers. From supplying materials to cutting and shipping, Qian Dynar is your one-stop insulation provider.

Why Our **Insulation Solutions** Stand Out

Quality Assurance

Qian Dynar Trading is committed to sourcing and delivering the finest insulation materials and supplies.

Diverse Industry Solutions

From O&G giants to diverse industry leaders, we tailor our services to meet the unique needs of each sector.

Expert Knowledge

Our professionals have a deep understanding of the insulation industry and are dedicated to providing expert guidance.

Timely Delivery

Where precision meets promise. With our reliable delivery system, you can rest assured your orders will arrive on time, every time.

Future Focused

Qian Dynar is not just about the present. We are committed to building a sustainable and prosperous future for our clients.

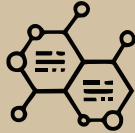
Our Products



Insulation Materials

Insulation materials refer to a range of substances or products used to reduce heat transfer between objects or spaces.

- Cellular Glass
- Foamglas
- Polyurethane (PUR)
- Polyisocyanurate (PIR)
- Aerogel



Insulation Chemicals

These chemicals play a crucial role in enhancing the thermal resistance, fire resistance, durability and other performance characteristics of insulations products.

- Mastics
- Vapor Barrier
- Sealant



Insulation Accessories

Insulation accessories are supplementary components used in conjunction with insulation materials to enhance their installation, performance and efficiency

- Banding & Wing Seal
- Insulation Pins & Washer
- Screws & Rivets
- Insulations Fabrics & Cloths
- Inspection Window Plug

Our Process

Initial Consultation

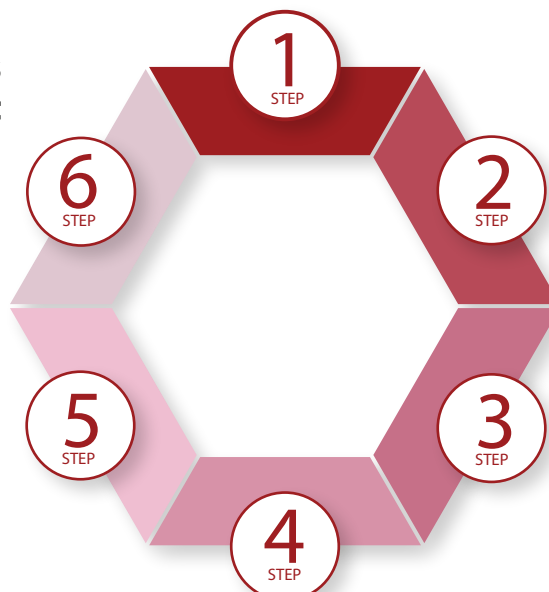
We begin by understanding your project scope, insulation requirements, and site conditions to recommend the right materials.

After-sales Support

Post-delivery, we remain available to assist with technical queries, usage guidance, and troubleshooting.

Inventory & Logistics Coordination

We manage stock availability and coordinate delivery schedules to ensure timely dispatch from warehouse to site.



Technical Review

Our team of engineers evaluates the thermal, mechanical, and environmental needs to suggest optimal insulation solutions.

Material Recommendation

Based on your project specs, we propose suitable insulation materials, chemicals, and accessories tailored to performance and budget.

Quotation Recommendation

We prepare a detailed quotation, and upon confirmation, the order is processed for procurement and packaging.

Cellular Glass / Foamglass

- Excellent thermal insulation for energy savings
- Non-combustible for fire safety
- Resists moisture and CUI with closed-cell structure
- Stable dimensions with no shrinkage or expansion
- High compressive strength for heavy loads
- Chemical and contaminant resistant
- Available as pipes, boards, and custom shapes



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Insulation Materials Across Industries

Qian Dynar specializes in supplying top-quality insulation materials to a wide range of industries, including Oil & Gas, Petrochemicals, Marine, Rubber & Cement Manufacturing, and Palm Oil production. What sets Qian Dynar apart is not only the superior performance of our products but also our strong commitment to building long-term partnerships with our clients.

With the support of our experienced team of engineers, we go beyond just supplying materials, we provide practical solutions tailored to each project's challenges. From consultation and product selection to cutting, packing, and on-time shipping, Qian Dynar delivers a complete and reliable service. We take pride in being a trusted one-stop insulation provider that ensures efficiency, safety, and peace of mind for every client we work with.

As industries continue to evolve and face new demands, Qian Dynar remains dedicated to innovation and continuous improvement. By combining technical expertise with a customer-first approach, we ensure that our clients receive not just products, but solutions that contribute to long-term operational excellence and sustainability.



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- Stable dimensions with no shrinkage or expansion
- High compressive strength for heavy loads
- Chemical and contaminant resistant
- Available as pipes, boards, and custom shapes
- **ASTM C552** Compliance



Polyurethane (PUR)

- Excellent thermal resistance across temperatures
- Resists moisture and vapor penetration
- Maintains shape and thickness over time
- Strong yet lightweight
- Works with standard materials and adhesives
- Available in foam, panels, and custom forms
- Ideal for industrial, commercial, and cold chain use
- Flexible for complex insulation designs
- **ASTM C1029** Compliance



Polyisocyanurate (PIR)

- Excellent thermal efficiency with low conductivity
- Strong, stable, and deformation-resistant
- Fire-safe with low smoke and flame spread
- Resistant to mold, microbes, and moisture
- Easy handling with foil-faced options
- Versatile for construction, HVAC, and industrial use
- **ASTM C1289** Compliance



Aerogel Hot / Cold

- Ultra-low thermal conductivity
- Insulates effectively from 0°C to 650°C
- Lightweight yet durable
- Thin profile with high performance
- Removable and reusable, reducing waste
- Prevents corrosion under insulation (CUI)
- **ASTM C1728** Compliance



Mineral Wool

- Non-combustible with a high melting point
- Excellent sound insulation to reduce noise
- Stable performance under heat and pressure changes
- Resistant to thermal shock and vibration
- Available in blankets, boards, mats, or custom formats
- **ASTM C1336** Compliance

Insulation Chemicals



Primary Mastic (SHC 104-90/91)



- CSPE rubber-based mastic for cold insulation
- Excellent vapor barrier
- UV, chemical, and color resistant for outdoor use

DT Joint Sealent (SHC 105-02)



- Dual temperature joint sealant
- Compatible with polystyrene foam
- Preventing shrink or crack against thermal cycling

WB Weather Barrier Mastic (SHC 103-35)



- Tough, flexible, fire-resistant elastomeric finish
- Excellent vapour barrier
- Outdoor use with good colour retention, chemical and UV resistance

Fire Retardant Vapor Barrier Mastic (SHC 102-01)



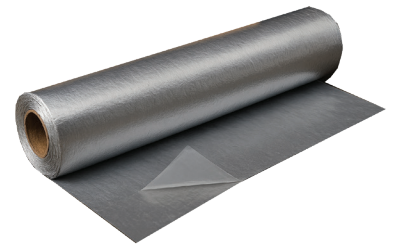
- Vapour barrier mastic
- Fire retardant mastic
- For low-temperature insulation

WB Anti-Abrasion Coating (SHC 103-16)



- Dual temperature joint sealant
- Compatible with polystyrene foam
- Preventing shrink or crack against thermal cycling

Buseal Wrap - Vapour Barrier (SHC 700-121)



- Tough, flexible, fire-resistant elastomeric finish
- Excellent vapour barrier
- Outdoor use with good colour retention, chemical and UV resistance

Alufilm 50 (SHC 750-050)



- Secondary vapour barrier
- Excellent resistance to vapour and UV
- Tough, flexible, and easy to apply
- Industrial cold and cryogenic insulation system

Metal Jacketing Sealant (SHC 105-03) Thermal Insulation

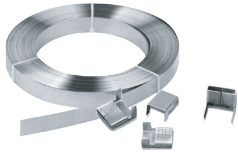


- Suitable for SUS & aluminium jacketing
- Flexible elastomeric sealant
- Multi-purpose high-temperature sealant
- Weather-resistant

Insulation Accessories



Banding & Wing Seal



- **Strapping Band:** Stainless Steel (304/316) and Aluminium (3003/1060, H14/H24) banding, ASTM-B209 compliant
- **Wing Seal:** High-quality stainless steel and aluminium wing seals, ASTM-B209 compliant

Insulation Pins & Washer



- **Quilting Pins:** Stainless steel cupped head pins with retaining washers
- **Insulation Washers:** 304 stainless steel 2-hole washers with hooks

Screws & Rivets



- **Pop Rivets:** Zinc-plated rivets for thin metal and plastic sheets
- **Self-Drilling Screws:** For steel structures and sheet fixing (not for metal-metal)
- **Self-Tapping Screws:** SS316 screws for mixed materials or one-sided access

Insulation Fabrics



- Fibreglass fabric made from fibreglass filament yarn used as reinforcing material in composite materials, electrical and thermal insulation, and electronics.

Inspection Window Plug



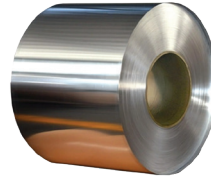
- Standard Inspection Plugs for Non-Destructive Testing (NDT) on pipes and vessels, enduring up to 500° F, and come in Aluminum or Stainless Steel.

Tie Wire



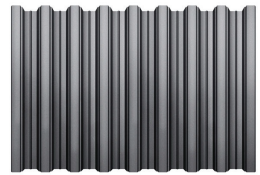
- **Materials:** SS304, SS316, SS316L
- Ability to perform in high temperatures
- Corrosion resistance
- Firm locking

Aluminium SS Cladding



- **Strong Protection –** Resists UV, moisture & corrosion
- **Multiple Finishes –** Smooth, embossed & corrugated options
- **ASTM Certified –** Made with 3105/3003 alloys, C1729 compliant

Corrugated Sheet



- **Versatile Options –** Available in aluminum, stainless steel (304/316) & painted, smooth corrugations.

Ceramic Fibre Blanket



- Withstands 538°C to 1260°C
- Lightweight, flexible, resistant to thermal shock, cracking, and spalling.
- Easy to install, rapid heat-up, reduces heat loss vs. hard refractories.

Ceramic Tape



- Excellent in extreme high heat environments
- High flexibility
- Use over irregular surfaces
- Thermal protection
- Abrasion resistant
- Non-flammable



QIĀN
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Where Reliability Meets Supply

www.qiandynar.com



At Qian Dynar Sdn. Bhd., we go beyond supplying insulation materials, chemicals, and accessories — we deliver reliability, quality, and timely service.

Serving industries from oil & gas to palm oil across Malaysia, Singapore, and Indonesia, we ensure the right materials reach our clients at the right time, every time.

Qian Dynar Sdn. Bhd. Where reliability meets supply.

Global Presence

● Pakistan ● India ● Singapore ● Thailand ● Indonesia



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