



**BUSINESS**

# **COMPANY PROFILE**

**YOUR TRUSTED INSULATION PARTNER**

2022



## **DEAR VALUABLE CUSTOMERS,**

PT. MERAK KENCANA MAS, is committed to provide the best and high-quality solutions in the field of insulation. Together with an experienced and professional team, we have succeeded in building a reputation as a company that can be trusted and has a strong commitment to quality and innovation. We hope to be the right partner for you and help you achieve your goals.





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Message

# About Us...

Our company specializes in supplying thermal insulation material and handling all aspects of the technical knowledge, design, and installation process in this field.

We have an efficient and competent team of well-experienced people to handle any size of insulation job, from hot to cold insulation, and from simple to complex one.



## Insulation is more affordable now

*"Everyone should have their properties insulated nowadays"*

*Merak Kencana Mas*

We are dedicated to meeting the insulation needs of our clients in a cost-effective manner while maintaining high standards and quality.

We believe that our professional workmanship together with our totality and safety policy makes us one of the best insulation company in the industry that you can trust.



# Invest in Insulation Today



26%

industrial energy consumption



40%

energy-related CO2 emissions



20 years

Cost of Energy is rapidly rising

Whether you are a leader in any industrial aspect or you are living in a cozy building, they all need energy to maintain your safety and comfort.

Energy is undoubtedly a huge bill to pay.

Since energy is expensive, saving energy means saving money. The cost of energy has been rapidly rising for the past 20 years, prompting leaders, companies, and households worldwide to rethink their strategies for cost savings.



One Third

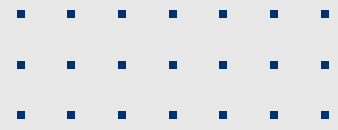
global energy consumption resulted from buildings



*Proper and right insulation can reduce energy use by 20% in industry and 50% from buildings.*

**HUGE**

# Why Us?



## Quality Assurance

We are supplier and service provider that is fully dedicated to product quality assurance and helps you ensure the products you ordered have met all requirements and standards.

## Authorized and Genuine



We are the authorized distributor for Rockwool Asia. Rest assured as we are your trusted business partner and only provide you with genuine products.



## Competitive Price

We are the authorized distributor for Rockwool Asia. Rest assured as we are your trusted business partner and only provide you with genuine products.

## Complete



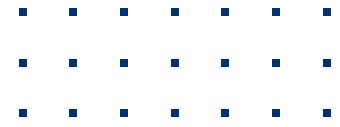
We are committed to one stop shopping concept by offering a broad coverage of insulation products to ensure we can meet all you need in one go.



## Customer Oriented

You want result and our team are delivering. It's our attention to the small stuff, scheduling of timelines and keen project management that makes us stand out from the rest.

# Our Service



**HOT**

## Insulation



- Boiler Insulation
- High Pressure Vessel
- Oil Refinery Plant
- Product Tank Farm
- OSBL Pressure Pipe
- Valve boxes & flanges
- Equipments
- Ducting
- Roofing Insulation



## Insulation

**COLD**



- Chiller
- Polyurethane Pipe Insulation
- Cold Storage
- Evaporator
- Cool Room
- Acoustic Buildings
- Commercial Buildings & Hotels
- Healthcare Buildings

# Our Products



## Maxwool® Glass Wool Blanket

This product is widely applied to industries that require thermal and acoustic insulation. This mat can be used in industrial pipe work, boiler walls, furnaces, and smoke channels that operate at high temperatures. Easy to install and prevents condensation by installing a silver layer or vapor barrier on one side.

## Maxwool® Glass Wool Pipe

Glass wool pipe section is a non-combustible fiber-based insulation with a density of 64 kg/m<sup>3</sup>. Glass wool is generally used for heating applications up to 340 degrees Celsius, such as steam pipe or hot water. It is not great for chilled applications, because the fibrous nature does not provide a vapor barrier. The 1 meter long, per slit pipe sections with a HD foil, to make it easier to work with on site.



## Maxwool® Glass Wool Board

Glass wool board is the best material used for insulation and sound absorption of steel structures. It mainly includes plain blanket and foil blanket. It is widely used in industrial plants, warehouses, public facilities, exhibition centers, shopping malls, cold storage, and various indoor playgrounds, sports fields and other buildings.





# Our Products



## Prorox Wired Blanket/Mat

The ProRox WM series 950, 960, 970, and 988 are effective insulation materials that have many industrial applications where thermal and acoustic insulation is required. The wired mat can be used in industrial pipe work, boiler walls, furnaces, and smoke ducts that operate at high temperatures.

## Prorox Pipe Section

The ProRox PS series is designed as a pipe section that is wound around a mandrel. The insulation is created from stone wool and is manufactured using a special water repellent binder known as WR-Tech, which helps to reduce the likelihood of corrosion under insulation.

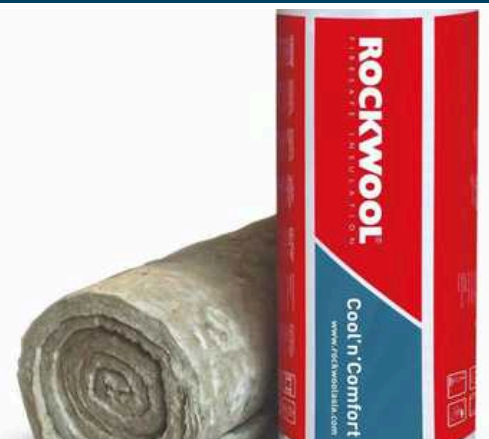


## Prorox Slab

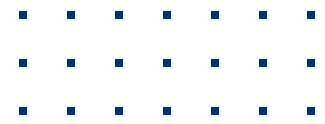
ProRox SL series are stone wool slab that are designed for thermal and acoustic insulation of high-temperature columns and vessels. The strong and rigid structure of the ProRox SL slab makes it an ideal choice for industrial applications where high-temperature insulation is required.

## Cool n Comfort Blanket

This is a unique type of rockwool insulation designed specifically for roofing systems. It features a silicone coating on each fiber to repel rainwater and maintain insulation performance even after exposure to water. This type of insulation may be ideal for buildings that are prone to moisture or water infiltration.



# Our Products



## Safe n Silent Slab

The Rockwool Safe 'n' Silent is a sound insulation solution that features galvanized steel stud frames with gypsum, cement, or calcium silicate boards on each side. The Safe 'n' Silent Pro insulation is then placed within the wall system to provide superior noise absorption performance.

## Calcium Silicate

Calcium silicate insulation is a product that is free of asbestos and possesses various favorable characteristics, including high durability, reliability, low thermal conductivity, and high strength. It is widely used in industries such as steel, ceramics, petrochemical, and cement, particularly as backup furnace insulation, as well as in building construction for fire protection purposes.



## Polyurethane Cold Insulation

Polyurethane-foam tubing is a commonly used material for insulating cold pipelines. It has excellent resistance in the temperature range of  $-50^{\circ}\text{C}$  to  $135^{\circ}\text{C}$ , and offers a low heat-transfer coefficient. This rigid thermal insulator provides reliable protection to pipes against damage.

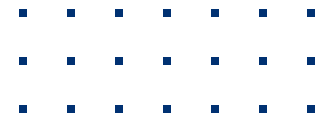
## Armaflex

Armaflex is a closed-cell foam insulation material that is effective in preventing thermal losses, moisture accumulation, and condensation, which can result in the growth of mold. This type of insulation is particularly useful for insulating mechanical piping systems.





# Our Products



## Enduroflex® Insulation

Enduroflex® insulation uses the advanced "Gel Foaming" Technology, to form the completely closed foam structure. The insulation materials are suitable for the water pipe and air pipe in HVAC system, cooling, and heating equipments, hot water pipe, to guarantee the tightness of whole system.

## Cuvanta® Pancake Coil Copper Tube

Copper tube is a type of pipe made from copper that offers high thermal conductivity, excellent corrosion resistance, strong pressure tolerance, and is easy to form and join. In medical applications, copper tubes must meet strict cleanliness standards, while in air conditioning and refrigeration systems, their ability to efficiently transfer heat is crucial.



## Cuvanta® ACR Straight Copper Tube

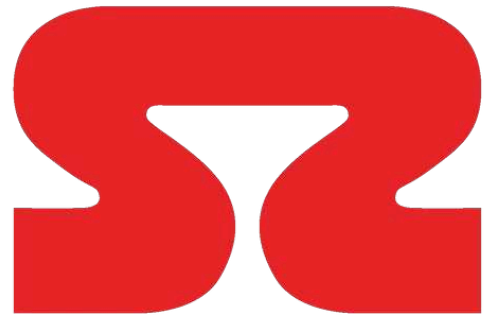
Copper tubing for air conditioning and refrigeration, also called ACR copper tubing, is commonly used for air conditioning, refrigeration, natural gas, LP gas, and compressed air. These tubes are easily connected using sweating or flare fittings.

## Cuvanta® Medical Gas Copper Tube

Copper tubes for medical gas systems comply with the ASTM B819 standard. ASTM B819 specifies the requirements for two wall thicknesses of specially cleaned, straight, seamless copper tubes, designated as Types K and L, which are suitable for use in medical gas systems.



## Our Clients



SINAR SUKSES MANDIRI



arena



RAPP GROUP

LDC.

Louis Dreyfus Company

LAMPUNG, INDONESIA

IVAN'S  
MOTOR



BERSAMA  
DIGITAL  
DATA CENTRES



# PIPING & INSULATION PROJECT



Piping & Insulation Burner Plant  
Petrokimia



Piping & Insulation Burner Plant  
Petrokimia



Tank Storage Insulation



Piping & Insulation Steam Oil Line Textile Dyeing  
(Sinar Sukses Mandiri)





# PIPING & INSULATION PROJECT





# INSULATION PROJECT





# Let's Work Together

Through this company profile, we believe that customer satisfaction is the key to our success and we are dedicated to meeting the needs and expectations of our customers.



# Contact Us



*Save, Protect, and Insulate*

Authorized Dealer



**ROCKWOOL®**

**MAXWOOL®**  
THERMAL INSULATION & SOUNDPROOFING SOLUTION

**ENDUROFLEX®**

**CUVANTA®**



+62 812-1930-6070

+62 21-59897013



project@merakkencanamas.com



Gedung GOR, Jl. Vihara Punna Karya,  
Curug Kulon, Tangerang 15810



www.merakkencanamas.com

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