

ROCKWOOL



Pakistan Insulations (Pvt) Limited.

Our Products:

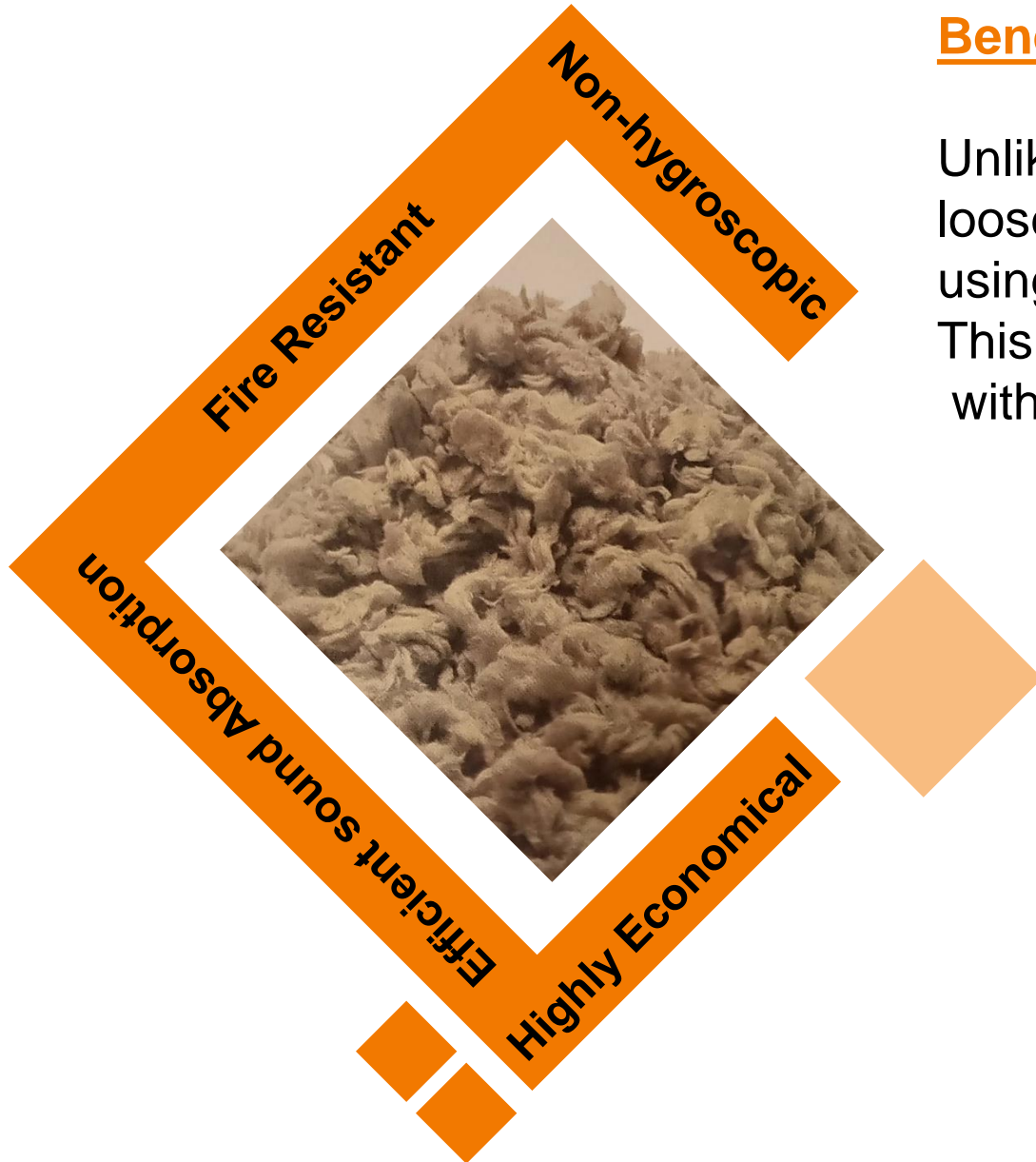
Loose Fill (Granulated loose rockwool) :

Benefit over other insulation materials:

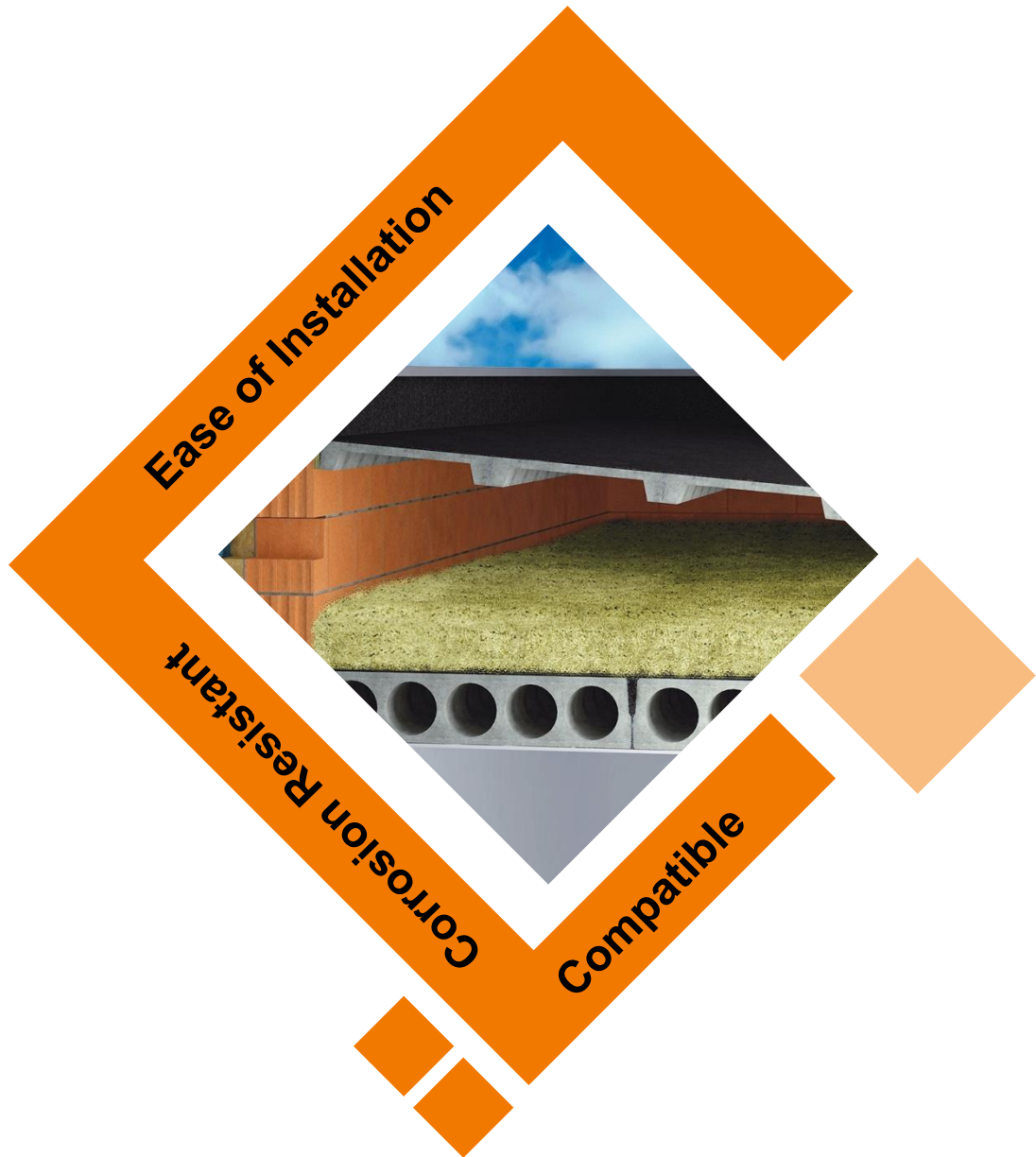
Unlike products such as rolls and slabs, loose fill insulation is blown into the applied area, using a blowing machine. This helps ensure maximum coverage, with minimal effort, in a variety of settings.

Thermal conductivity For Cryogenic Application:

Mean Temperature (°C)	K-Value (W / mK)
-20	0.033
-60	0.027
-100	0.022
-140	0.018
-180	0.015



Applications:



Cavity Wall installation

furnace and ovens
Oxygen Plants

Cryogenic Installations
Machinery

Cold Boxes
Ships

Loose Fill Insulation

Cold storage
Automobile silencers

Timber Frame Insulation
Irregular Spaces

Brake liners
Loft Insulation

Equipment

Turbine Roof Insulation



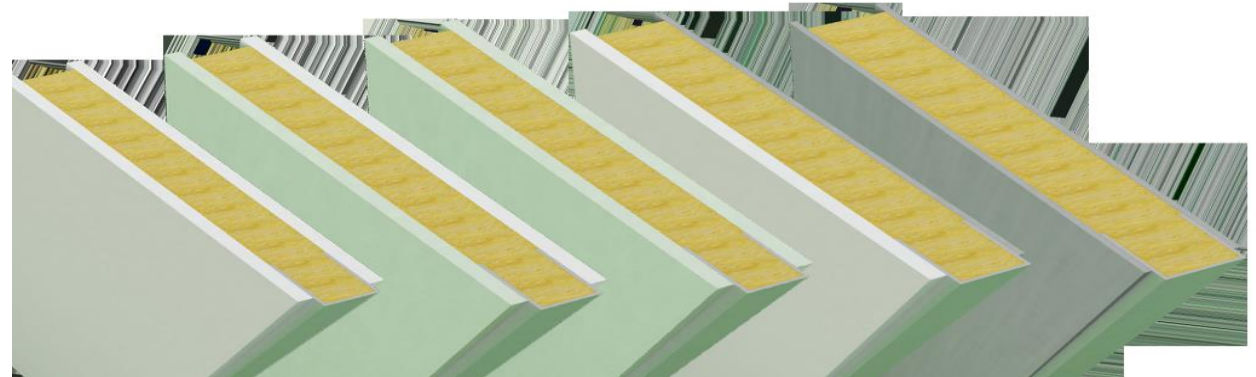
Rockwool Blanket



Rockwool Preformed Pipe covers



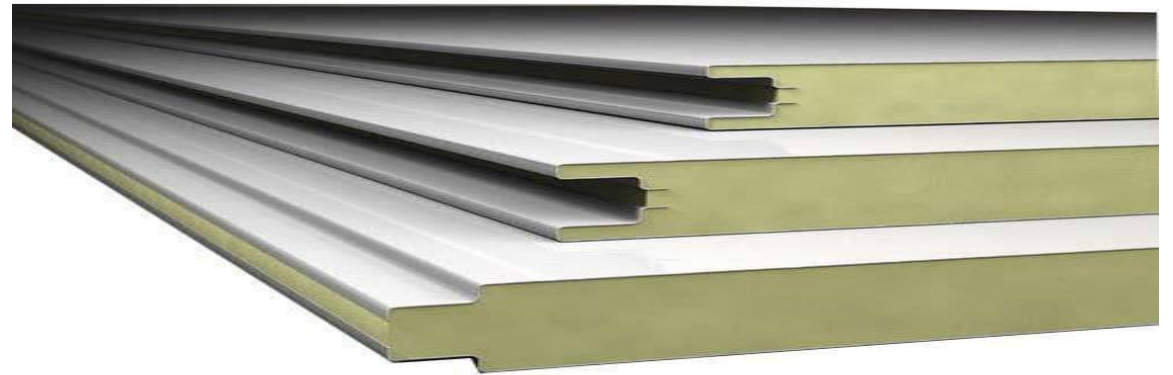
Rockwool Resinated Board



Rockwool sandwich panels



Polyurethane



Polyurethane sandwich wall



Pre-Engineered Buildings



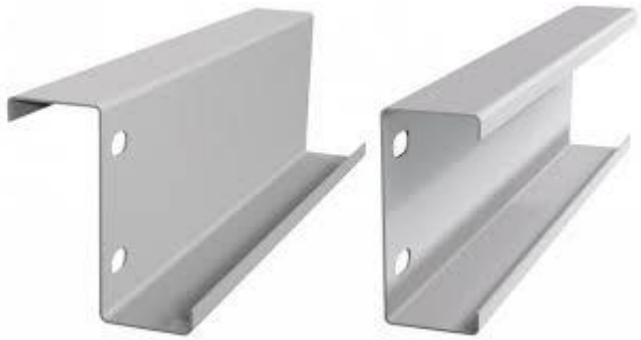
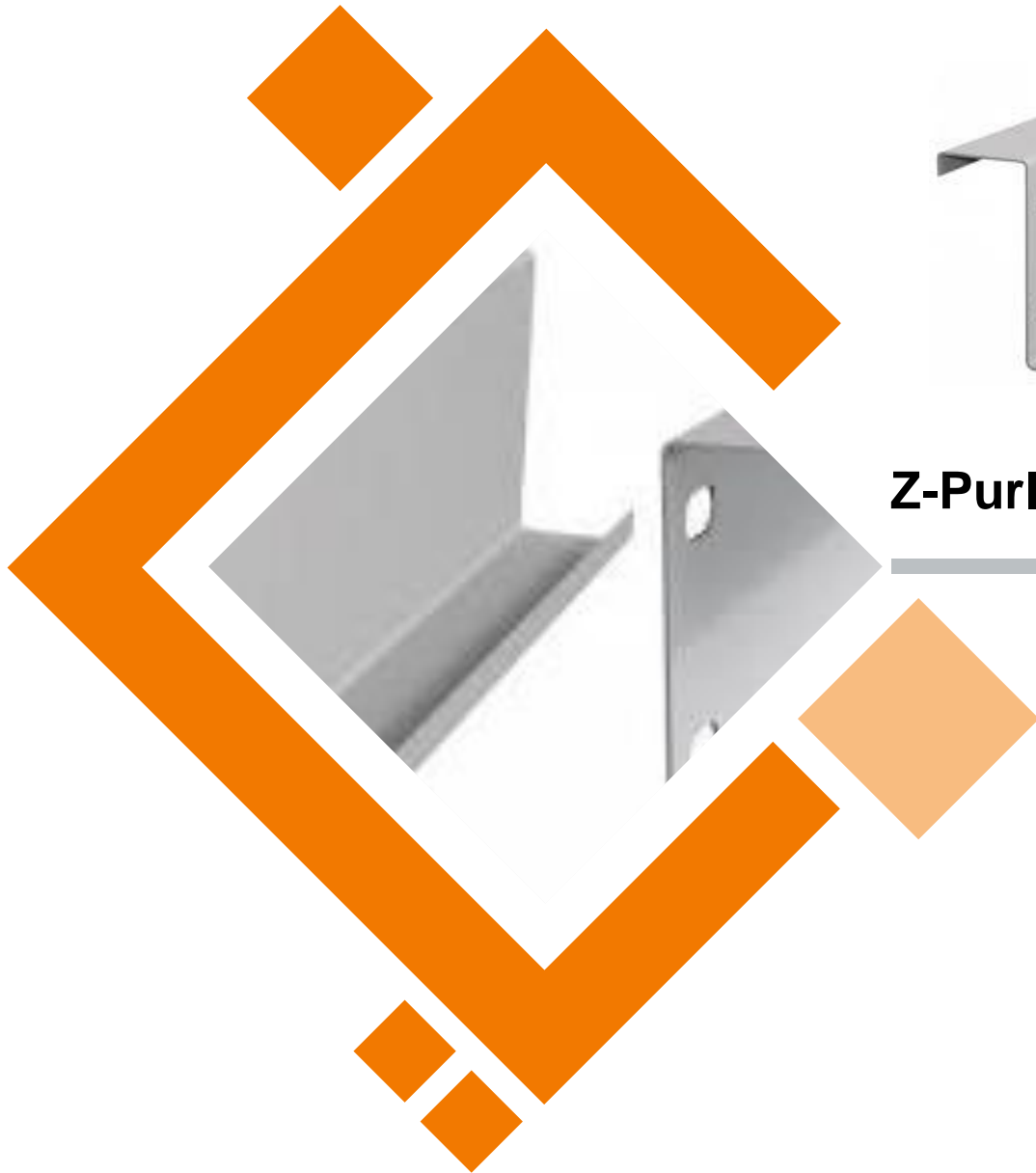
Light gauge steel Buildings



Light weight Partitions



Rigid foam insulation



Z-Purlin / C- Channels



Polyisocyanurate rigid foams



Door Installed at Electro Polymer

Fire Retardant Door

We never compromise on Quality

Why To Use Rockwool:

Excellent thermal insulation properties

No Corrosive Properties

Excellent Fire Prevention ability

Excellent Moisture Resistance

Protect what's precious.

A fireproof inventory means a safer business.



Good acoustic insulation properties

High density and high strength

Can resist temperature upto 750 °C

Retain its form at different temperatures.



Soundproof your house.

Our rigid Rockwool boards insulate sound.

The advertisement features a blue background with a white house icon. Three yellow speaker icons with sound waves are positioned around the house: one on the left side, one on the right side, and one in front of the window. A white 'X' is placed over the speaker icon on the right side, indicating soundproofing. The text 'Soundproof your house.' is at the top, and 'Our rigid Rockwool boards insulate sound.' is below it. The background of the advertisement is a photograph of a textured, light-colored rockwool insulation board.

Long life insulation material

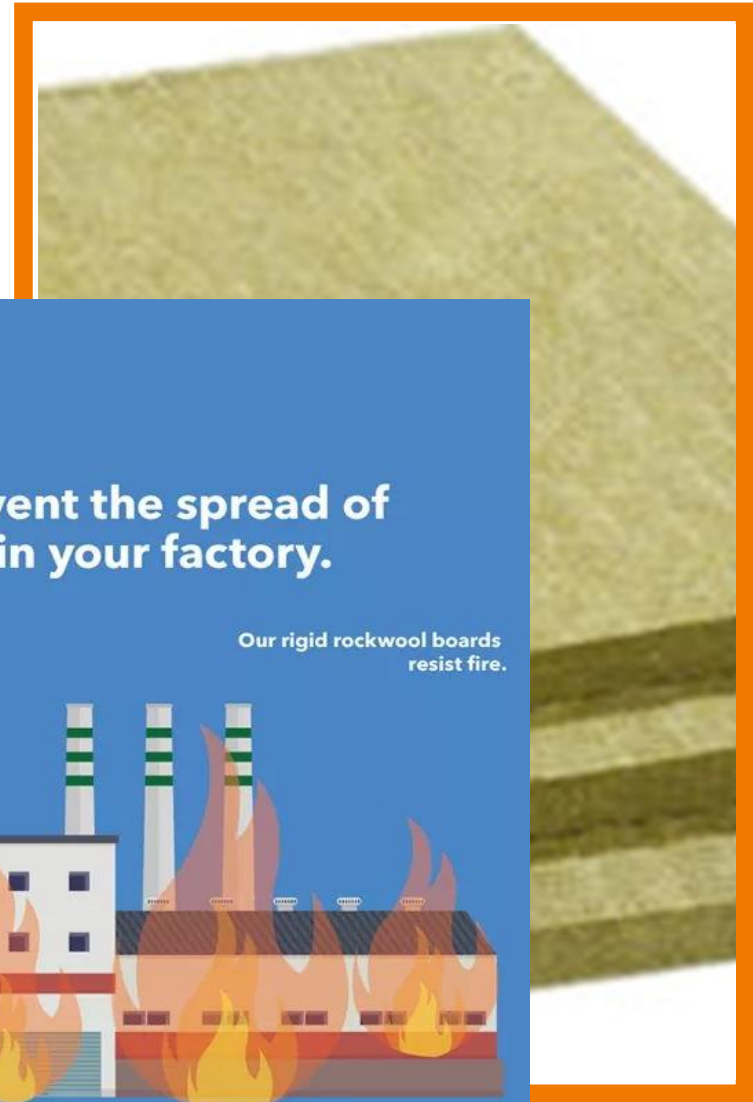
High compressive strength

Environment Friendly

Fast and flexible to install

**Prevent the spread of
fire in your factory.**

Our rigid rockwool boards
resist fire.



Rockwool Blanket

Applications:

- Chemical industries
- Petro-chemical industries
- Cement industries
- All types of boilers and high temperature vessels
- Thermal insulation of sheds
- Industrial roofs
- False ceilings
- Curtain walls
- Wrapping around air conditioning ducts.



Rockwool Resinted Boards

Applications:

- Heat Insulation of floors
- Heat insulation of partitions
- Heat insulation of pre fabricated walls
- “ “ ➤ General transport
- Field including ship building

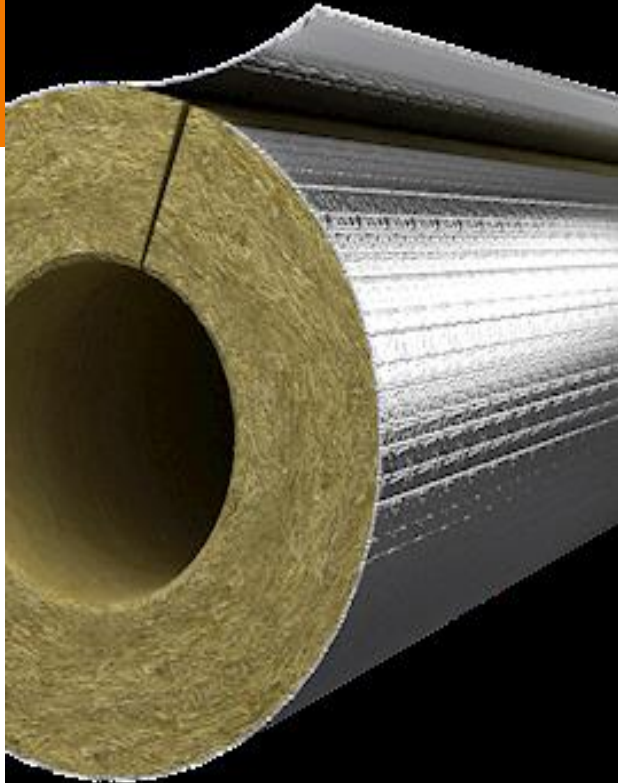


Rockwool Pipe Covers



Applications:

- Used on pipes in place of blankets
- Chilled water pipe lines



Benefits:

- **Ease of application**
- **Increase of productivity**
- **Reduce labour cost**
- **Superior finish to cladding**
- **Non combustible**

Rockwool Sandwich Panels

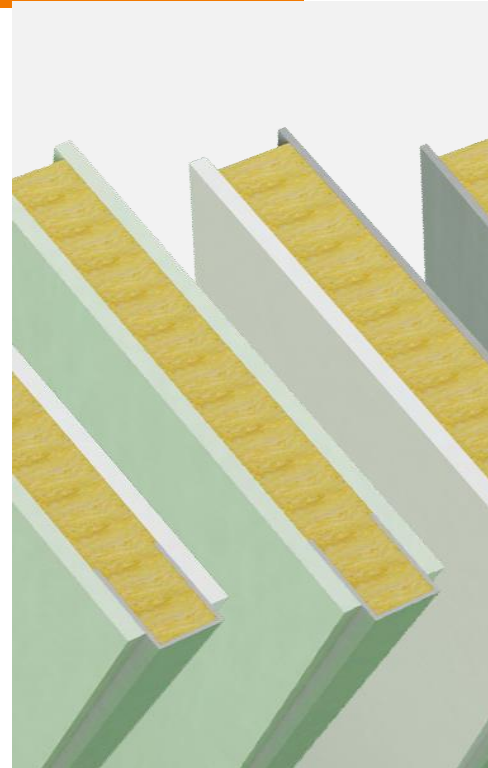
Pakistan Insulation's Rockwool Rigid Board is the most versatile and commonly used thermal insulation material in many European countries.

Applications:

- Used as structural protective cladding.



- Installed in PEB and LGS due to its fire resistant, moisture resistant and sound resistant properties.
- Can be used as a thermal insulator in commercial and residential buildings



Rockwool vs Glasswool

High Density

Non Hazardous to health

Good Sound insulation ability

Can resist moisture

More fire resistant

Easy to install

Glasswool



Rockwool



Low Density

Hazardous to health

Poor sound insulation ability

cannot resist moisture

Less fire resistant

Installation is not easy



Rockwool vs Polystyrene

High Density

Non Hazardous to health

Non-combustible

Good sound insulation ability

More durable

Elastic material

polystyrene

Rockwool

Low Density

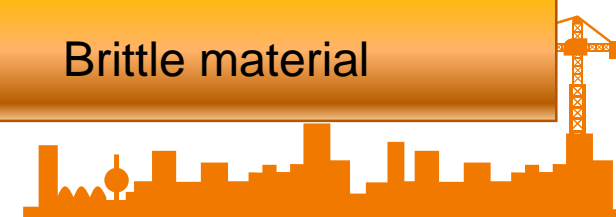
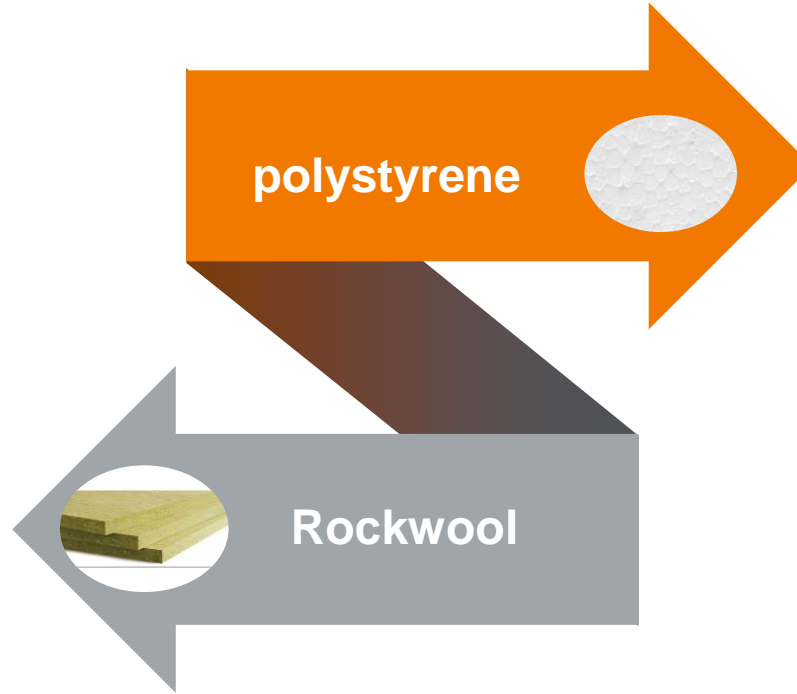
Hazardous to health

Self extinguishing

Poor sound insulation ability

Less durable

Brittle material





It takes less time to install

Non toxic

Load bearing capacity is high

Good sound insulation ability

High strength

Superior material in terms of quality



It takes more time to install

Highly Toxic

Load bearing capacity is low

Poor sound insulation ability

Low strength

Inferior material in terms of quality



Application Of Different Products for Insulation :

Thermal Insulation	Loose Fill	Rockwool Pipe section	Rockwool Blanket	Duct Wrap	Rockwool Rigid Board
Tank	✓		✓		✓
Central heating and air-conditioning systems		✓	✓		
Tank roof traffic area					✓
Ovens	✓		✓		
Boilers			✓		✓
Turbines			✓		
Chimneys-flues	✓				
Cryogenic tanks	✓				
Irregular Cavities	✓				
Air Ducts			✓		

Fire Protection	Loose Fill	Rockwool Pipe section	Rockwool Blanket	Duct Wrap	Rockwool Rigid Board
Civil work	✓		✓		✓
Small machinery , Circular Air Ducts		✓	✓	✓	
<u>Marine Application:</u> General ships-off shore			✓		✓
Decks bulkheads			✓		✓

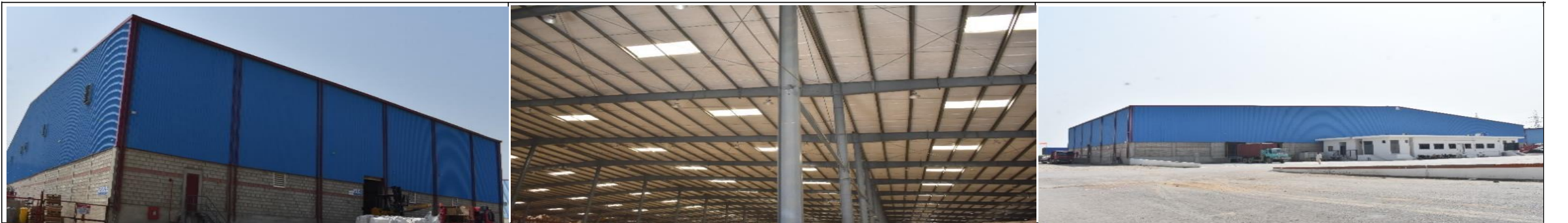
PROJECT PHOTOGRAPHS



P&G



Agha Khan (Insulator)



Peerani Warehouse