



THERMAL & ACOUSTIC INSULATION BROCHURE

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About KOHINOOR DECOR

Who we are?

Incorporated in the year 1998, we 'Kohinoor Decor' are a sole proprietorship-based firm engaged as the foremost wholesale supplier and service provider for Interior designing and False Ceiling Products (Gypsum Plaster, Plaster of Paris, Gypsum Boards, P.O.P. Sheets, Metal Framing Accessories – G.I. Ceiling Sections, Aluminium Ceiling Tiles, Metal Ceiling Tiles, PVC Panels) and False Ceiling Services. Our products are high in demand due to their premium quality and affordable prices. Furthermore, we ensure to timely deliver these products to our clients, through this we have gained a huge client's base in the market. Under the direction of our mentor 'Mr. Mohd. Ilyas Sheikh (Proprietor)', we have been able to achieve a reputed name in the industry.

We, at Kohinoor Decor, one of the most recognized and leading manufacturing and trading firms in Nagpur, provide you with different types of Interior Designing, Gypsum False Ceiling (Residential/ Commercial), Installations, Maintenance or repairing at a professional rate of prescribed designs.

Our business is generally known for its next level ceiling designs, their resistance to extreme weather conditions, ease of services provided and skilled installations by workers.

We also take part in trading all varieties of ceiling products (Gypsum Powder, Gypsum Boards, Ceiling Tiles, Ceiling Sections, Gypsum and Plaster of Paris sheets) at a much cost-effective rate.

From our Executive Owner,

With my 25 years of experience in this stream of interior designing, false ceiling contracts and all related Gypsum works, I have been able to recognize every bit of trading and supplying every commodity in this scenario.

Our business usually deals with better customer satisfaction with every ease of better execution of the work. Our executing staff never fails to perform their tasks regardless of the direction they have been given.

Mohd. Ilyas Sheikh

Owner and Founder at Kohinoor Decor, Nagpur



INSULATION SYSTEM



The science of achieving Comfort within a Space

Thermal Insulation

Thermal insulation reduces the transfer of heat between objects with different temperatures. The most important aspect of an insulation material is its performance – that it consistently provides the designed-for resistance to the passage of heat throughout the lifetime of the building. Though the insulation manufacturer's published performance expectations will be an essential guide, other factors associated with the 'real-life' installation of the material need to be considered as part of the design process.

Acoustic Insulation

Acoustic insulation absorbs, transmits, or redirects sound waves – vibrations in the air that pass-through objects and result in audible sound. Noise, or unwanted sounds, is measured in decibels (dBA) and has a specific frequency distribution. In outdoor environments, reflective and damping materials are used in structures such as highway noise barriers. Sound absorption of a material varies with the frequency of sound. Noise Reduction Coefficient is the mathematical average of absorption coefficient of a material at four frequency bands – 250, 500, 1000, 2000 Hz

Glasswool Insulation



It is a natural, mineral and inorganic sedimentary product which is produced by combining fiberglass fibers with nonflammable resin. It is high quality and cost-effective insulation material produced with advanced technology. This product has striking sound insulation characteristics in addition to its high-level heat insulation ability. As a result of the inorganic nature of its raw material (mostly sand), fiberglass has an extraordinary resistance level against fire. Thanks to these features, fiberglass is an ideal heat and sound insulation material for such construction applications as inclined roofs, sections, sandwich walls and roofs.

We are successfully ranked as the top importer & distributor of a broad assortment of Glass Wool. Our offered Glass wool is manufactured with precision using best grade raw material by our vendor's experts. These Glass wools are used for thermal & acoustic insulation over false ceilings in various industries. The rock wools are inspected on several parameters for supplying a flawless range to customers.

Features:

- ▶ Withstand in bad weather conditions
- ▶ Best for thermal insulation
- ▶ Enhanced Durability

Material	Glasswool (Fiberglass)
Work Technique	Labor
Temperature Range	-195 C to 230 C

Rockwool Insulation



Rockwool insulation refers to a type of insulation that is made from actual rocks and minerals. It also goes by the names of stone wool insulation, mineral wool insulation, or slag wool insulation. A wide range of products can be made from Rockwool, due to its excellent ability to block sound and heat. Rockwool insulation is commonly used in building construction, industrial plants, and in automotive applications.

Extensively used as a part in plant and building construction, our Rockwool Insulation is effective in saving energy and, consequently, money. Due to its feature of energy conservation, it contributes greatly in environment protection. We offer this product to clients based across the country at the most affordable prices.

Features:

The micro structure fibres present in rockwool slabs enables it to absorb the sound and decrease the noise developed by reflection. Additional benefit of best Fire-Retardant property.

Material	Mineral Wool / Rockwool
Work Technique	Labor
Temperature Range	Upto 750 C

Thermocol Insulation



Thermocol or EPS sheets are in fact an excellent thermal insulator for the Indian climate. They are lightweight and affordable (making them easy to install), with a high insulation value. Thermal insulation empowers consistency in room temperature by keeping the room cooler in summer and hotter in winter all things considered. It is energy saving as the transfer of heat from inside to outside and the other way around is restricted.

We have carved a niche amongst the most trusted names in this business, engaged in offering comprehensive range of Thermocol Insulation Sheet.

Features:

- ▶ Water Resistance
- ▶ Light Weight
- ▶ Fine Quality

Material	EPS Thermocol
Work Technique	Labor
Temperature Range	-20 C to 80 C

INSULATION PRODUCTS



Our wide range of thermal and acoustic insulation products comes with various qualitative materials. All the products provide optimum comfort to the users and assist in the protection of environment. These products cater to the needs of auditoriums, conference halls, cinema halls, multiplexes and many others. The entire product range can be customized as per the specific requirements of our clients.

Glasswool Roll



It is a natural, mineral and inorganic sedimentary product which is produced by combining fiberglass fibers with nonflammable resin.

It is high quality and cost-effective insulation material produced with advanced technology. This product has striking sound insulation characteristics in addition to its high-level heat insulation ability. As a result of the inorganic nature of its raw material (mostly sand), fiberglass has an extraordinary resistance level against fire. Thanks to these features, fiberglass is an ideal heat and sound insulation material for such construction applications as inclined roofs, sections, sandwich walls and roofs.

Material	Fiberglass
Width	1.2 m
Length (m)	15 20
Thickness (mm)	25 38 50
Temperature Range	-195 C to 230 C
Density	12 kg/m ³ to 100 kg/m ³
Dimensions (mm)	15000 x 1200 x 25/38/50 20000 x 1200 x 25/38/50

Rockwool / Mineral Wool Slab



Rockwool insulation refers to a type of insulation that is made from actual rocks and minerals. It also goes by the names of stone wool insulation, mineral wool insulation, or slag wool insulation. A wide range of products can be made from Rockwool, due to its excellent ability to block sound and heat. Rockwool insulation is commonly used in building construction, industrial plants, and in automotive applications.

Material	Mineral Wool
Size (m)	1 x 0.5 1 x 0.6
Thickness (mm)	50 75 100
Temperature Range	Upto 750 C
Density	48 kg/m ³ to 144 kg/m ³
Dimensions (mm)	1000 x 500 x 50/75/100 1000 x 600 x 50/75/100

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