GLASS WOOL

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PROPERTIES

ACOUSTIC PERFORMANCE:

RMI Glass wool has outstanding acoustic characteristics which help to insulate flat surfaces such as cavity wall insulation, ceiling, tiles, curtain walls, ducting, etc. Whether it is sound insulation for industries, commercial or public applications, RMI glass wool outperforms every other insulation material.

THERMAL PERFORMANCE:

Glass wool is suitable for applications ranging from minus 195C to 135C, however, for some special applications it can bear up to 450C with binders.

Cooling costs in a building insulated throughout with glass wool can be reduced significantlly. The use of glass wool for the thermal insulation of eternal walls and ceiling has been shown to reduce energy consumption by 20% to 30%.

FIRE SAFETY:

RMI Glass wool imade from pure silica sand will not support combustion even direct, prolonged contact with flames. It emits no toxic fumes or smoke, the two biggest hazards to health and life in the event of a fire. Glass wool is a complete fire-safe product complying the following standards:

- BS (British Standard) 476 part 4, ISO 1182, IS 3808, International Maritime Organisation (IMO) - NON - COMBUSTIBLE
- BS 476 part 6 - Do not PROPOGATE FIRE
- BS 476 part 7 - Class 1 - SURFACE SPREAD OF FLAME NIL
- Class O certified - Highest class for any building material - index of performance
- (I) not exceeding 12, sub-index of perfomance (II) not exceeding 6, Class 1
- BS 476 part 5 - Class P - (not easily ignitable) - BS 6853 (toxicity index 0.65) - NON EMISSION OF SMOKE & TOXIC GASES.

MOISTURE RESISTANT:

RMI Glass wool has outstanding acoustic characteristics which help to insulate flat surfaces such as caviry wall insulation, ceiling, tiles, curtain walls, ducting, etc. Whether it is sound insulation for industries, commercial or public building applications, RMI glass wool outperforms every other insulating material.

BACTERIA & GERM-FREE:

RMI Glass wool is suitable for app;ications regarding from minus 195C to 135C, however, for some special applications it can bear up to 450C with binders.

Cooling costs in a building insulated throughout with glass wool can be reduced significantly. The use of glass wool for the thermal insulation of external walls and ceiling has been shown to reduce energy consumption by 20% to 30%.

FLEXIBLE, ELASTIC & LIGHTWEIGHT:

RMI Glass wool is a soft and lightweight material that is easy to install and won't settle over time. It can be compressed to of its orginal volume, makes it easy to transport.

PRODUCT NAME	DENSITY/ THICKNESS	WIDTH	LENGTH	AREA
Glass Wool	12 KG/50 mm	1.2 mm	15 m	18 sqm
Glass Wool	24 KG/50 mm	1.2 mm	15 m	18 sqm
Glass Wool	48 KG/50 mm	1.2 mm	10 m	18 sqm
Glass Wool	24 KG/50 mm	1.2 mm	15 m	12 sqm
Glass wool with Aluminium foil	12 KG/50 mm	1.2 mm	15 m	18 sqm
Glass wool with Aluminium foil	24 KG/50 mm	1.2 mm	15 m	18 sqm

APPLICATIONS

- Offices, Conference rooms, Seminar halls, Public spaces.
- Dry wall and Cavity wall insulation.
- Under-Deck insulation.
- In Auditorium, Cinema halls, Multiplexes, Home theaters, and Recording studios.
- Temperatures preservation.
- In speaker manufacturing companies and geyser appliances.

BENIFITS

- Glass wool makes a signifcant contribution to ensuring safe workplaces by providing efficient thermal insulation.
- Protecting personnel from hot surfaces.
- Reducing energy consumption.
- Reducing fluctuations of the temperature in buildings, creating a safer work environment, whilst improving personnel comfort and efficiency.
- Excellent acoustic insulation, reducing noise pollution and improving perssonel comfort and privancy in the work or home environment.
- No absorption of moisture from atmosphere and neutral pH, no risk of harmful chemicals leaching from the product or corrosion.
- Lightweight, Resilient, easy to install and won't settle over time.
- Proven long term insulation performance and cost-effective.
- High performing insulating product which delivers acoustic isolation at one-third of the density or weight of nearest competitive material.