

Dynaspec-Radiant & Vapor Barrier

Our range of Dynaspec Radiant and Vapor Barrier is the most effective radiation barrier for roof and wall. Procured from reliable vendors, this vapor barrier is installed beneath conventional roof sheet and behind exterior walls; it provides the most effective radiation barrier preventing the transfer of heat by infrared radiation. The surface's low emissivity of 0.05 prevents it from absorbing or emitting long wave radiation. Thus, 95% of the heat from the exterior of the building is reflected back and heat transfer to the interior is reduced significantly.

Features

- Puncture resistant,
- High tensile strength
- Water proof as well as resistant to most chemicals
- It possess tough tear- resistant film backing which makes it superior material for all types of construction
- It cuts electricity costs substantially in industries which are centrally air conditioned

Advantages

- Dynaspec -Radiant and Vapor Barrier is puncture resistant, having an extremely high tensile strength
- It is water proof as well as resistant to most chemicals
- It possess tough tear-resistant film backing which makes it superior material for all types of construction
- It cuts electricity costs substantially
- The energy saving easily recoups the installation costs and keeps on saving running costs for years thus making economical sense

Applications

- Indoor stadium
- Factories
- Industrial sheds
- Warehouse
- Poultry farms
- Resorts
- Cold storage

Specifications

- Tensile strength, Mpa: Machine Direction 36.2
- Cross Direction 36.4
- Waterproof Tear proof Emissivity (both sides) 0.05 Reflectivity (both sides) 0.95
- Overlapping of DYNASPEC shall be two inches
- Tile Roofing
- It shall be laid across rafters
- Overlapping shall be according to the pitch of the roof as foil
- Roof Pitch
- 15° and below
- 16°-24°
- 25° and above
- Overlapping
- 6" and taped with 48mm width

KoolBubble Sheet:

KoolBubble is an environmentally friendly heat insulation material which is light and easy to install. KoolBubble consists of one and/or two layers of barrier bubble material laminated between layers of aluminium foil to provide excellent thermal resistance.

The Bubble contains an air retention layer designed to provide increased strength and puncture resistance.

The product has no odor and toxicity and is having excellent thermal reflective insulation medium. It is not only having overcome problem of discomfort and environmental damage caused by traditional fiber glass insulation but also resist UV radiation which can penetrate through sheet iron, concrete, wood etc. This new heat insulation material not only has good insulation, heat reflection and anti-radiation but also serves as a good moisture barrier, heat preservation and energy saving medium.

The KoolBubble can reflect upto 96% of radiant energy in addition to resisting other types of heat transfer.

KoolBubble can be used for Thermal Insulation of domestic buildings, industrial constructions, studio rooms, multiplexes, shopping malls, ware houses, cooling chambers, refrigerated containers, rooms, refrigerated duct lines or any other insulation application.

The Possible Features/Advantages of Kool Bubble :

- High Tear Strength, Flexible, Light weight, Durable
- Waterproof Properties
- High Efficiency Performance
- Outstanding safety, Health and Environmental Benefits
- Cost effective and versatile
- Reflects 96% of radiant energy
- Non-toxic/Non-carcinogenic
- Controls condensation

- Does not promote nesting of insects or rodents
- Lowers heating and cooling costs year-round
- Easy to install
- Prevent growth of bacteria and fungi
- Eliminate the use of wire mesh
- Prevents mold and mildew
- Not affected by moisture or humidity
- Permanent and Maintenance Free

Lenzing Jacketing

The Lenzing Jacketing, which we supply to our clients, is a multi-layer constructed material from several laminated plastics with an aluminum layer, which acts as vapor barrier and protects from UV rays. Our range is known to guarantee an excellent protection of the insulation against mechanical stress. This jacketing system is suitable for indoor & outdoor applications, in cold & wet climate, in hot and dry climate with intense exposure to sunlight for pipes, ducts and boilers

Advantages

- Lightweight
- Reduced installation time by 50%
- Saltwater resistant
- Food safe
- Highly resistant against chemicals and high UV resistant
- Complete cladding system including fittings, accessories and tools are available

Application

- Hot insulation
- Cold insulation used in HVAC
- Chemical and petrochemical industry
- Pharmaceutical industry
- Food industry
- Construction industry
- Ship building/Offshore
- Power plants
- OEM