

Supreme Introduces 'INSUflex': High Vapour Resistant Insulator

The Supreme Industries Ltd introduced high vapour resistant insulator for air-conditioning applications. Supreme's Insulation Division offers solutions in the areas of ducting insulation, underdeck insulation, pipe insulation, floor insulation, insulation joint sealing tapes, sound insulation, overdeck insulation and wall insulation.

The main goal of a good insulation material should be that of preventing water vapour from spreading through insulation as water is an optimal heat conductor. INSUflex, by Supreme Industries, is a CFC-free, black flexible elastomeric closed-cell Nitrile Rubber thermal insulation that provides a highly efficient method of insulation and effectively controls condensation against both heat loss and heat gain. The material is particularly suitable for insulating pipe works for condensation control. It can be used on chilled water pipe lines, refrigerated pipe-works and hot and cold water services and on sheets or rolls in air-conditioning ductworks.

INSUflex range is resistant to corrosion,

fungal and mildew growth and is therefore suitable for clean room applications. Insulation material with a low 'K' value equates to a high energy saving potential and thermal performance. Thermal conductivity is the main data used to technically calculate insulation thickness required to prevent condensation.

'INSUflex' advantage

- Good flexibility at low temperature
- Clean, dust-free, fast and easy installation
- Low thermal conductivity
- High water vapor resistance factor ≥ 7000
- Protects pipes against corrosion by environment elements
- Low toxicity index offers minimal toxic fire hazard for safety assurance and rescue operations
- Good fire performance, for buildings with high occupancy



- Unique closed-cell structure, provides an ideal vapor barrier resistance

INSUflex is available in combinations of various wall thicknesses and diameters to suit G.I., copper and PVC pipes. The product is applied to the surface using an adhesive compound. A protective layer of glass cloth, in two layers with an adhesive compound is then applied before providing a weather barrier, such as aluminium / G.I. cladding for outdoor application.

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