



Katana Thermashield is being offered in two(2) material types, glasswool fiber and bubble type. The glasswool type utilizes "glass fibers" of a density of about 16kg/m³ organized as a blanket. Glass has a low thermal conductivity. It is offered bare or laminated on 1 side using either metallized foil or real aluminum foil. Different thicknesses are likewise offered depending on the degree of insulation desired. They are usually used to insulate roof, walls (as sandwiched core material) and other industrial components that require insulation for safety.

The bubble-type insulation uses "air" trapped or enclosed in a sheet of plastic bubbles. Heat transfer slower and smaller in gaseous medium thereby allowing the sheet of bubbles as a good insulator. The insulating capacity of bubble type insulation depends on the size and layering of the bubbles, thus the term single bubble or double bubble insulation. The bubble sheet is likewise laminated with metallized foil or real aluminum foil to further improve on its insulating capacity. Bubble type insulation is usually used to insulate roofing and other industrial components/ equipment that require insulation for safety.

Glasswool type insulation:

Core material: Glasswool with density of 16kg/m³

Sizes: 25mm(T)x20m(L) and 50mm(T)x15m(L)

Where: T- thickness

L- length per roll

Width: 1200mm

Available: as Bare or 1 side with foil (foil can be metallized plastic or real aluminum foil)

Bubble-type insulation:

Core material: Air bubbles enclosed in a plastic sheet of air bubble containers

Sizes: Single-bubble

Double-bubble

Width: 1000mm

1200mm

Available: 1 side with foil or both side with foil (foil can be metallized plastic or real aluminum foil)

