



Jumbo Chem
Kenya Ltd

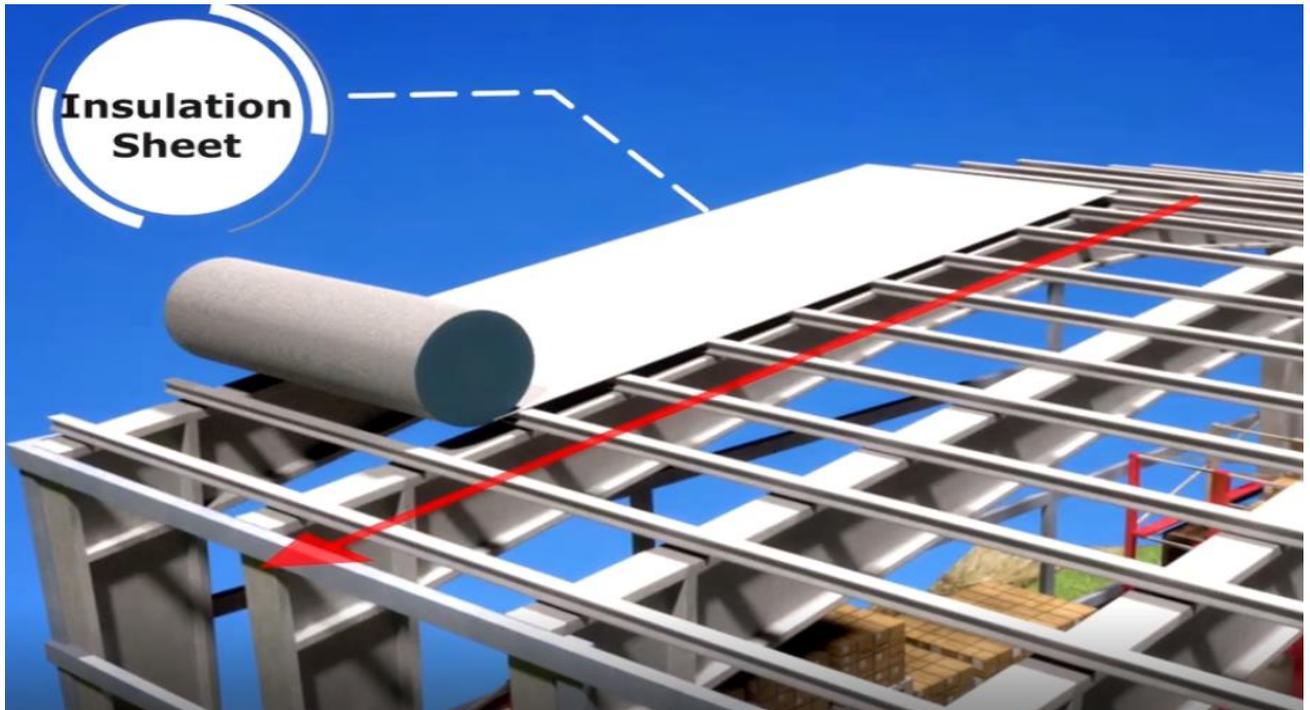
Installation of Jumbolene® Roof Insulation

Jumbolene® Roof Insulation has been designed especially for Residential, Commercial and Industrial buildings. The product is easily installed in one application, creating a vapour barrier, thermal insulation, and achieves high acoustic values thereby reducing external noise. For optimal insulation, ensure an air gap between the Jumbolene® Roof Insulation and the iron sheets (mabati, roofing tiles and shingles). The insulation must be laid horizontally starting from the bottom up, so that the upper layers overlap the lower layers.

1. Starting from the purlin next to the ridge, lay down 2mm galvanized strainer wires (galvanized binding wires) running across the purlins to the gutter ensuring it's tightly fixed. Do this across the whole roof with intervals of 300mm to 400mm between one wire and the next.



- Starting at the top of the roof, roll Jumbolene® Roof Insulation over the purlins or battens ensuring that the Anti-Glare face (if single laminate) is facing towards you during installation.



- Ensure that you can a sag between the purlins or pattern as this affects the thermal performance of the system. Fix the iron sheets before layinh the next line



4. When adjoining the next roll, make sure that the roll overlaps the other with 50mm to 100mm overlap the first roll. This should ensure that the product is creating a vapour barrier and also ensures no thermal leakage between the roof and the building.



5. Where necessary cut Jumbolene® Roof Insulation around any penetrations making sure to have tight fit to minimize openings.

NB/ For the Insulation that is more than 20mm thick, the product is not overlapped but tightly squeezed together (joined together tightly) and help in place by screws before laying the insulation onto it.



Installing Roof Insulation on an Existing Roof (A roof with Mabati)

One can use either strainer wires or Aluminium strips.

When using GI (Mild steel plate) strips:

1. Place Jumbolene roof insulation between the purlin and the mild steel plate and screw it onto the purlins using 1" inch self-tapping steel screws.
2. When fixing the Jumbolene roof insulation onto the subsequent purlin, pull the sheet so as to achieve a tight and firm fit free of sagging.
3. When adjoining the next roll, make sure that the roll overlaps the first roll with an overlap of 50mm to 100mm. This should ensure that the product is creating a vapour barrier.
4. Where necessary cut Jumbolene around any penetrations making sure a tight fit to minimize openings.