



Aerolam **XLPE**

Aerolam **bubble**
Insulation

Aerolam bubble Insulation

AEROLAM manufactures highly versatile Bubble Insulation solutions using the latest technology, made to order for virtually any industry.

AEROLAM is the first manufacturer in India to produce double bubble insulation and the first to have a state-of-the-art extrusion lamination technology of its kind. **Aerolam** manufactures insulation of various thicknesses, starting from 4 mm upto 20 mm.

AEROLAM has recently developed "Bubble + XLPE Hybrid product". We are the first manufacture to develop such product in India. In higher thickness we give flange so it is easy to install the material.



AIR BUBBLE INSULATION COMPOSITION

AEROLAM SUPER



Nominal Thickness (mm): 4
ABF Layer: **Single**
Pure Aluminum Foil
Lamination: **Both side**
Bubble Size (mm): 4x10
Roll Size (Mtrs): 1.25x40

AEROLAM SUPER PE



Nominal Thickness (mm): 4
ABF Layer: **Single**
Pure Aluminum Foil
Lamination: **One side**
Bubble Size (mm): 4x10
Roll Size (Mtrs): 1.25x40

AEROLAM PREMIUM



Nominal Thickness (mm): 8
ABF Layer: **Double**
Pure Aluminum Foil
Lamination: **Both side**
Bubble Size (mm): 4x10
Roll Size (Mtrs): 1.25x40

AEROLAM PREMIUM PE



Nominal Thickness (mm): 8
ABF Layer: **Double**
Pure Aluminum Foil
Lamination: **Single side**
Bubble Size (mm): 4x10
Roll Size (Mtrs): 1.25x40

AEROLAM SIGMA



Nominal Thickness (mm): 6
ABF Layer: **Single**
Pure Aluminum Foil
Lamination: **Both side**
Bubble Size (mm): 6x20
Roll Size (Mtrs): 1.25x40

AEROLAM SIGMA PLUS



Nominal Thickness (mm): 12
ABF Layer: **Double**
Pure Aluminum Foil
Lamination: **Both side**
Bubble Size (mm): 6x20
Roll Size (Mtrs): 1.25x40

AEROLAM ADVANCE



Nominal Thickness (mm): 10
ABF Layer: **Single**
Pure Aluminum Foil
Lamination: **Both side**
Bubble Size (mm): 10x30
Roll Size (Mtrs): 1.25x40

AEROLAM OPTIMUM



Nominal Thickness (mm): 20
ABF Layer: **Double**
Pure Aluminum Foil
Lamination: **Both side**
Bubble Size (mm): 10x30
Roll Size (Mtrs): 1.25x40

HYBRID INSULATION COMPOSITION

AEROLAM UNIQUE



Nominal Thickness (mm): 8
Hybrid Layer: **ABF+XLPE**
Pure Aluminum Foil
Lamination: **Both side**
Bubble Size (mm): 4x10
Roll Size (Mtrs): 1.25x40

AEROLAM ULTRA



Nominal Thickness (mm): 15
Hybrid Layer: **ABF+XLPE+ABF**
Pure Aluminum Foil
Lamination: **Both side**
Bubble Size (mm): 4x10
Roll Size (Mtrs): 1.25x40

APPLICATIONS



Various projects & buildings will require suitable methods to meet the application quality, cost & time frames.

As such our team of experts will guide the professional contractors to meet these demands for you.

Under deck insulation, applications in a new project or metal building is very economical, speedy & gets done along with the roofing system being laid.



Poultry Shed Insulation / Cow shed insulation: When it comes to proper rearing of the live stock & their controlled conditions. Aerolam insulation is very effective in reducing the heat stress caused by bare metal roofing sheds.

Poultry output, reduced mortality rates are clearly dependent on reducing the heat stress. Many poultry segments use Aerolam insulation for better results & yield.



Wall insulation. Apart from the roof assembly walling insulation is also an important parameter, Aerolam products & application methods fulfil these insulation demands delivering performance & product safety.

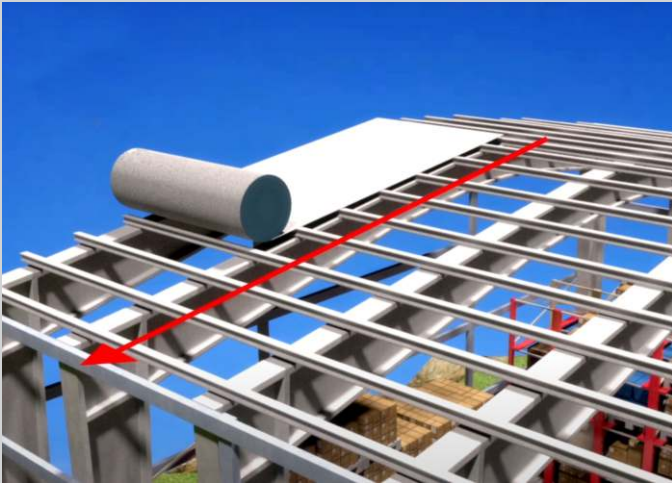


Under deck for existing building. (Retrofitting) When considering the applications for existing buildings, Aerolam products offer variety & best range to choose from. Aerolam insulation can be installed without removing the roofing sheet.

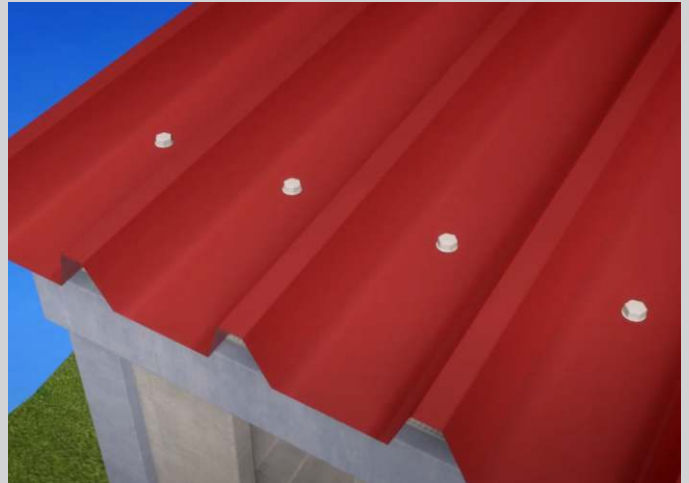
BENEFITS OF INSULATION

- Thermal insulation when used as under deck / walling will effectively bring down the cooling load of a building. The building envelope will protect the occupant / process & equipment from harsh weather conditions.
- When used over the AC Ducts & the Pipes Aerolam XLPE insulation will reduce the energy consumption, make the system performance improve.
- Chilled water pipelines, solar hot water distribution will require good quality insulation to reduce the heat losses & enhance energy savings.
- XLPE due to its very own nature will not aid fungal growth or create damp conditions which are mostly seen in open cell bonded materials.

BUBBLE INSULATION AND XLPE INSTALLATION METHOD



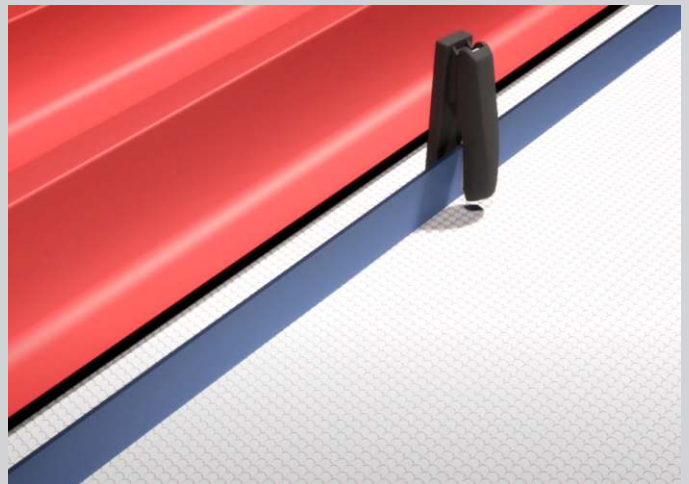
01. Unroll the insulation sheet, from bridge to eave (i.e. from the highest point to the lower). Stretch and fix the insulation sheet with drilling screws.



02. Place the metal sheet on top of the insulation sheet and fix with metal screws



03. On placing the next sheet parallel to the first, making the side overlap and staple the edges together.



04. In case of installation in a pre - existing metal structure; stretch the insulation sheet as wide as the Purlin spacing, just below the roof sheet and fixate with GI wire.

BUBBLE GUARD INSULATION APPLICATION SUITED FOR

- WAREHOUSE
- ENGINEERING GOODS
- POULTRY
- DAIRY
- CHEMICAL INDUSTRIES
- AUTOMOBILE INDUSTRIES
- TEXTILE INDUSTRIES & HOMES
- HOSPITALS





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Village: Bhayla, Tal. : Bavla , Ahmedabad - 382220, Gujarat

Plant 2: 73/1B, Fateh Logistics & Industrial Park, Near Fatehstone International,
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