



Aluminum plain Sheet:

Aluminum sheet are widely used in fabricating metal Insulation jacketing. Aluminum is light weight, flexible to fabricate easily at site and has good resistance to corrosion. Apart from this Aluminum has many characteristics due to which it is commonly used as a insulation jacketing metal.

Advantages :

- **LONGER LIFE** : Aluminum Sheets have a very long service life and are totally maintenance free.
- **EASY TO FABRICATE**: Aluminum is easy to fabricate, because it is non brittle metal and hence it do not break or crack during or after erection.
- **CORROSION RESISTANCE**: Aluminum has excellent corrosion-resistance in almost all kinds of environment, and it retains its aesthetics throughout its life. These features translate it into long life. Even in highly corrosive industrial Environments, Aluminum is particularly resistant to fumes and vapours of organic compound and to chemical like Ammonia, Carbon Dioxide and Acids like Hydrochloric , Nitric Sulphuric acid.
- **APPEARANCE**: Bright and beautiful aluminum enliven the atmosphere. It stays bright and reflective for a very long time. Aluminum Corrugated Sheets can be available in variety of finishes, color and textures, which add further to its beauty, protection and improves the aesthetics of the building.
- **BETTER THERMAL INSULATION**: Through Aluminum is a good conductor of heat, its very high reflectivity of radiant heat and light (75 to 80% when new; 60 % after several years) keeps the interiors of an aluminum building up to 50C – 80C cooler in summer while its low emissivity cuts the heat losses in winters. Thus, it interiors more comfortable from the extremities of the surroundings.
- **NO CREEP OR DAMAGE** : unlike heavier materials such as lead and zinc, aluminum supports its own weight in widely varying temperature conditions, without creep or damage to the roofing sheet.



SHETH INSULATIONS PVT. LTD.

Dealers & Contractor in Thermal Insulation & Waterproofing Materials

Your Energy Saving Partner

TYPICAL PROPERTIES :

Alloys	AA 3003, AA 3105, AA 8011, AA1200
Temper	H 14 / H 16
Standard Width	914 mm, 1220 mm
Size Sheet	Coil Form (Weighing 250 to 325 kgs each)
Length (Coil Form)	As per your requirement
Thickness Available	0.38 to 1.22 mm
Preferable Thickness	0.56 mm (24 – gauge)

WEIGHT CHART :

GAUGE	THICKNESS (MM)	WEIGHT (KG) PER SQ. M
18	1.22	3.32
20	0.91	2.47
22	0.71	1.93
24	0.56	1.52
26	0.46	1.25