

Technical Details of Base Material

Galvalume Steel: Galvalume steel is zinc aluminum coated steel offering high corrosion resistance. This alloy coating comprises of 55% aluminum 43% zinc and 1.5% silicon. This Coating offers a superior barrier protection against varied atmospheric conditions. The coating class is AZ-150 as per AS: 1397, which means 150 gms/m² minimum coating mass total of both sides.

Galvalume sheets are available in tensile strengths of 300, 345 & 550 MPa

Galvanized Steel: Galvanized steel comprises of galvanized zinc coating over mild steel of minimum coating mass 120 gms / m² as per IS 277 and in tensile strength of min. 240MPa.

Standard Conformance: AS: 2728, AS 1397 IS : 14246, IS : 513, IS : 277

Painting : Color coating oven baked painted system of following types are available.

1) **Galvalume Steel:** Super Polyester XRW, Silicon modified polyester or fluoropolymer 20 microns (exposed side) & neutral alkyd back coat of 5 microns over primer coat of 5 microns on both side.

2) **Galvanized Steel:** Polyester top coat of 20 microns over primer of 5 micron (exposed side) & alkyd back coat of 5 microns over primer coat of 5 microns.