



INSUL-MATE™
Galvalume Plus AZ-60 Coated Steel

DESCRIPTION/SPECIFICATIONS

Galvalume® Plus, AZ-60 coated steel sheet and jacketing is a manufactured product consisting of, sheet steel product having a coating of corrosion resistant aluminum-zinc alloy applied by a continuous hot dip process as specified by ASTM A792. The composition of the coating is typically 55% aluminum, 1.6% silicon, and the balance zinc. AZ-60 Coated Steel has a nominal coating weight of .60 ounces/square foot (total both sides) which is equivalent to .96 mil thickness on each side. This coating provides the optimum combination of durability, sacrificial protection and resistance to crevice corrosion in most environments.

Thicknesses: .016" (.4mm), .020" (.5mm), .024" (.6mm) and .032" (.8mm)

Widths: Flat Sheets - 36" (914mm)
For Profiled sheets see Industrial Jacketing Data Sheet for sizes

Lengths: Flat Sheets (cut to length)
Profiles cut to specific length lengths

Profiles: See Industrial Jacketing Data Sheet
(4" Box Rib, 2.67" & 1 1/4" Corrugated)

FINISHES

Insul-Mate™ AZ-60 is available in smooth and stucco embossed. The stucco embossed finish on sheets reduces glare from sunlight, adds strength and has more potential for masking application fingerprints, scratches, dents and other minor surface blemishes. A variety of pre-painted systems for added corrosion resistance are also available upon special request.

APPLICATIONS

Insul-Mate™ AZ-60 sheet, both bare and pre-painted (special order), is intended for applications where the combination of superior corrosion resistance and high strength is required. It can be applied in most hostile environments as found in power plants, refineries, and in the chemical process industry. It can also be used in conjunction with aluminum without negative results.

MOISTURE RETARDER

Insul-Mate™ Galvalume Plus AZ60 can be supplied with a 3 mil polysurlyn moisture retarder which is heat and pressure bonded to the interior surface. A moisture retarder helps prevent galvanic corrosion caused by contact of dissimilar metals in the presence of moisture or chemical corrosion caused by installing sheets over damp insulation materials.

(See Moisture Retarder Data Sheet)