Aluminised Steel Type 2

Product Description/ Specification:

Aluminized Steel Type 2 was developed for superior environmental corrosion resistance. Type 2 combines the strength of a steel substrate with the corrosion resistance of aluminium.

Aluminized Steel Type 2 is produced by continuous hot-dip coating of steel strip in a bath of molten, commercially pure aluminium. Cleaning the strip in a non-oxidizing/reducing furnace atmosphere assures a pristine surface for coating adherence. Interaction of molten aluminium with the steel surface produces a metallurgical bond and provides superior corrosion protection. The coating has a uniform thickness on both sides of the material.

The coating microstructure is comprised of two layers: an aluminium layer and an underlying hard aluminium-iron intermetallic alloy layer. The alloy arises from interaction of molten, commercially pure aluminium with the steel surface and is the agent that bonds the coating to the substrate.

Coating Thickness: (ASTM A463)

Types	T2-100
g/m^2 (Minimum)	300
Minimum coating Thickness (µm) (Total both sides)	95

Dimensions:

Standard Widths Supplied are:

36'' (914 mm) and 48 '' (1219 mm) these are supplied as coil but can also be supplied either standard lengths or custom produced to required lengths - maximum 12 ft (3658 mm) subject to thickness. Other widths are available upon request.

Benefits:

Corrugated roofing and siding, grain bins, drying ovens, and air-conditioner condenser housings.

Safety:

There are no known health risks in handling the material although it is recommended that gloves should be worn. Local health and safety guidelines should be followed when loading and transhipping coils and all maximum loading weights adhered to.

Packaging:

All material will be packed on wooden pallets to suit dimensions and shrink wrapped. Heat treated pallets will be supplied where requested.

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