



ALUMINIZED STEEL CLADDING TYPE 2

- COLD INSULATION
- HOT INSULATION
- ACOUSTIC INSULATION

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Aluminized Steel Cladding Type 2

Aluminized Steel Type 2 supplied by DYNAMIC THERMAL SOLUTIONS is produced by continuous hot-dip coating of steel strip in a bath of molten, commercially pure aluminum. Cleaning the strip in a non-oxidizing/reducing furnace atmosphere assures a pristine surface for coating adherence. Interaction of molten aluminum with the steel surface produces a metallurgical bond and provides corrosion protection. Line speed, bath temperature and air finishing knives control aluminum coating thickness. The aluminum spontaneously forms a passive oxide layer. This film imparts its usual high resistance to major environmental factors influencing corrosion behavior in waters



INSPECTION & TESTING

- ASTM A463/A463M / EN standards
- Mill Test Report

STORAGE

Aluminised steel coil shall be stored in dry and ventilated warehouse.

PACKING

Packed in Coils on Wooden pallets suitable for containers ed shipment

FINISH

- Smooth

ADVANTAGES

- Higher mechanical Strength of Steel
- Corrosion Resistance of Aluminum
- Better acoustic Properties
- Fire Resistance

APPLICATION

- LNG Plant
- LNG Terminal
- Chemical Plant
- Fertilizer Plant
- GTL Plant
- Ethylene Plant

MOISTURE BARRIER

- None

Coating Weight	300 gm/m" both sides
Standard	ASTM A463/A463M
Average. Weight per sqm (1mm thickness)	7.62 Kg/m2
Width	1000 mm
Thickness	0.6, 0.8, 1.0, 1.25 mm
Coil Weight	2 tons approx.