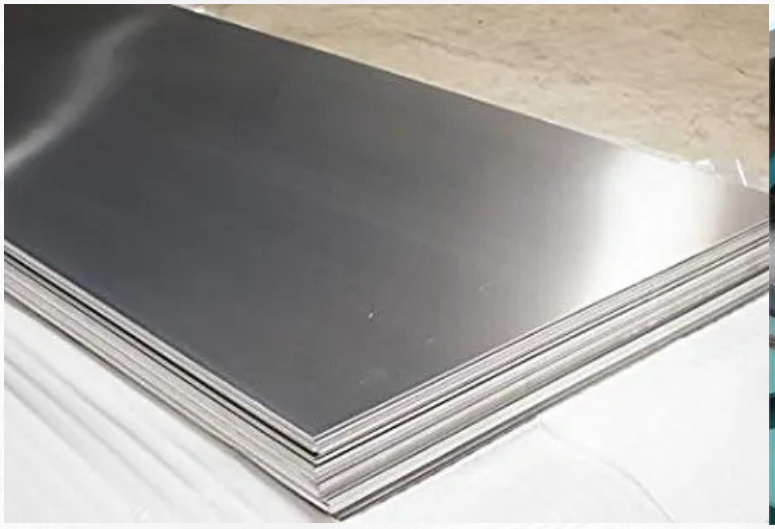
Tel: 038-026051 - 8,086-8363021
Support@thainichias.com

ALUMINIZED SHEET



Aluminized steel is produced by hot-dip coating process on both sides with aluminium-silicon alloy. This process assures a tight metallurgical bond between the steel substrate and its Al-Si coating, equivalent to a weight 240-270g/m2 for Type 1 and 300 g/m2 for type 2 including both sides producing a final product material with a unique combination of properties.
Aluminized Steel has the following properties which makes it suitable for use as a cladding material across the oil and gas industry specially in areas of fire hazard and areas in which material is exposed to corrosive atmosphere.

- Excellent Strength and Corrosion resistance
- Heat resistance and reflectivity
- High-emissivity
- Formable

Max. Temperature

Aluminized steel can withstand 550 °C (1,022 F) with almost no change in the base material. However due to the silicon content the luster of the sheet can demonstrate black spots. The material can be safely used up to 500 °C (932 F) with no change in the appearance of the sheet.

Applicable Standard

- ASTM A 463M-09
- JIS G 3314
- BS1449.
- ASTM A 924/EN 10143 : 2002 for thickness tolerance

LINE
THAI NICHIAS
ENGINEERING CO,.LTD
www.thainichias.com
45 Huaypong-Nongbon Road ,Rayong