ALUMINUM COATED STEEL SHEET PRODUCTS
TYPE I & TYPE II
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Carbon steel sheets are coated according ASTM A463 on both sides with a pure aluminum or an aluminum 5% to 10% silicon alloy. The pure aluminum coated product is called ALUMINIZED TYPE II, and the aluminum-silicon alloy coated one is called ALUMINIZED TYPE I.

Aluminized sheets have many applications in refineries, the petrochemical industry, gas power plants, oil storage facilities, grain silos, and pipe cladding, automotive industry.

MANUFACTURING STANDARDS

TYPE I : ASTM A463
TYPE II : ASTM A463 & ASTM A929

BASE MATERIALS

<table>
<thead>
<tr>
<th>Commercial Steel (CS)</th>
<th>Deep Drawing Steel (DDS)</th>
<th>Extra Deep Drawing Steel (EDDS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural Grade (SS)</td>
<td>HSLAS (High Strength Low Alloy Steel)</td>
<td></td>
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</tbody>
</table>

COATING WEIGHTS

<table>
<thead>
<tr>
<th>Types</th>
<th>T1-13</th>
<th>T1-25</th>
<th>T1-40</th>
<th>T1-60</th>
<th>T2-65</th>
<th>T2-100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min. (Oz/Sq Ft)</td>
<td>.13</td>
<td>.25</td>
<td>.40</td>
<td>.60</td>
<td>.65</td>
<td>1.00</td>
</tr>
<tr>
<td>Min. (Gram /Sq Meter)</td>
<td>40</td>
<td>76</td>
<td>122</td>
<td>182</td>
<td>184</td>
<td>300</td>
</tr>
<tr>
<td>Min. Coating Thickness (µm) (Total Both Sides)</td>
<td>13</td>
<td>25</td>
<td>40</td>
<td>60</td>
<td>62</td>
<td>95</td>
</tr>
</tbody>
</table>

*Coating thicknesses are approximate. *Conversions are based on the following relationship; (1) AL T2 coating: 1 oz/ft² = 0.00374 in.; 1 g/m² = 0.31131 µm. (2) AL T1 coating: 1 oz/ft² = 0.00398 in.; 1 g/m² = 0.33128 µm.
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**TYPE I & TYPE II**

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**FEATURES AND BENEFITS**

**TYPE - I**

- ✓ Surface characteristic of aluminum, combined with the strength and lower cost of steel.
- ✓ Excellent resistance to heat and corrosion.
- ✓ Various coating weights available.
- ✓ Uniformity of appearance and thickness.
- ✓ Reflect 80% of radiant heat.

**TYPE - II**

- ✓ Good atmospheric corrosion standard.
- ✓ Various coating weights.
- ✓ Appearance.
- ✓ Maintenance free.
- ✓ Highly reflective of solar heat.
- ✓ Fire resistant.

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**OTHER INFORMATION**

- **Thickness**: 0.014” through 0.13”
- **Width**: 24” through 61”
- **Coil ID**: 20” and 24”
- **Surface Treatment**: Chemical treatment, Oiling, Stenciling (Upon request)
- **Finish**: Flat, Corrugated.