

## ALUMINIUM 5005 H34

### **Aluminium 5005 H34:**

Sign Sheet Distributors supplies Aluminium Alloy 5005 H34 which is produced under Australian Standard A.S.1734 and is suitable for use in the General Signage Industry.

### **CHARACTERISTICS**

- |                        |             |
|------------------------|-------------|
| ◦ Corrosion Resistance | - Excellent |
| ◦ Anodising            | - Very Good |
| ◦ Formability          | - Very Good |
| ◦ Machinability        | - Fair      |
| ◦ Weldability          | - Very Good |
| ◦ Brazeability         | - Good      |

### **APPLICATIONS:**

- Commercial Signs
- General sheet metal work
- Domestic Appliances
- Number Plates
- Architectural panels and flashing.

### **Technical Specifications:**

#### Mechanical:

Elongation % in 50mm: 0.30-0.80 Ga Range  
Yield Strength MPa: 105 MPa  
Ultimate Tensile Strength: 135-180 Mpa  
Typical Ultimate Shear: 97 MPa

Modulus of Elasticity: 69,000 Mpa

Bend Radii – 3.0mm: 1 x thickness  
Minimum Recommended internal bend Radii  
for 90 deg. Cold bends at right angle to the  
rolling direction.

Annealing: 350 Deg. C. 9 5 Deg. C.

**All technical specifications are given to the best accuracy from information available at the time of printing.**