

## MATERIAL SPECIFICATIONS

### ALUMINIUM

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Available in various grades, thicknesses and finishes including pre-coated, polyester powder coated and anodised. All aluminium alloys used conform to BS EN 485-2, BS EN 573-3:1995 and BS EN 1396:1997.

#### **Standard Mill Finish Aluminium 1050A Grade**

Aluminium alloy 1050A is a high quality general purpose alloy featuring good ductility and mechanical strength. It is suitable for most applications in mill finish and powder coated, it is not recommended for use in aggressive environments. Grade 1050A aluminium is available in various thicknesses and sheet sizes offering flexibility and minimising waste.

#### **J57S Anodising Quality Aluminium**

J57S quality aluminium is produced to tighter tolerances than standard mill finish aluminium. It is used on anodised fabrications where optimum uniformity in both colour and surface appearance is required; J57S does not lose reflectiveness or appear darker.

#### **Pre-coated Aluminium**

Pre-coated aluminium with a PVF2, PVDF or polyester powder coated finish provide a tough, fade resistant, formable finish offering a competitive, quick and efficient alternative to standard powder coated aluminium. Also available in a wide range of colours and finishes.

#### **Stucco Embossed Aluminium**

Stucco embossing applies a pebble like finish etched into the formed metal. This process helps to reduce the amount of light reflecting off the metal, adds strength to the metal, whilst producing a distinctive appearance. Available in 0.9mm, 1.2mm and 1.4mm.

#### **Five Bar Treadplate**

Having a heavily raised 5-bar pattern, five bar tread plate provides a functional and decorative purpose and is ideal for non slip environments like walkways and stair treads.

