

6060 Aluminium Extrusions

Smiths Profiles

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Offering the best quality finish

With high impact strength and good corrosion resistance, 6060 offers the highest surface quality finish.

6060 aluminium alloy is an excellent choice as an extruded material due to a number of key characteristics which makes it a popular extruded product in today's marketplace.

The material benefits from high impact strength and offers the highest surface quality, which means that the finished extruded product is ideal for decorative applications. It is the alloy of choice where the overall aesthetic appearance is critical. 6060 aluminium also offers good corrosion resistance, especially in neutral and slightly acidic environmental conditions.

Whilst machinability is fair, the formability of 6060 aluminium is excellent, and the weldability of the alloy is also superior. The alloy is highly suitable for decorative anodising.



Key Features:

- High impact strength
- Excellent surface quality
- Good corrosion resistance
- Excellent formability
- Highly suited to decorative anodising
- Fair machinability
- A good 'all rounder'
- May be solution of precipitation heat treated

Commercial Applications

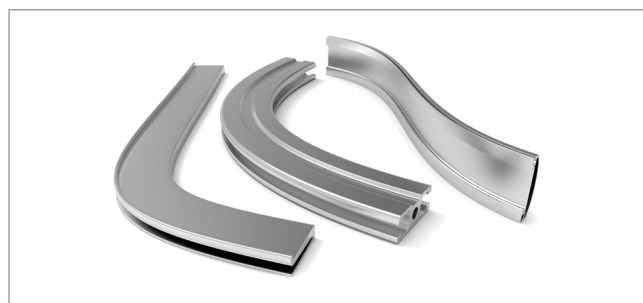
6060 aluminium is a great 'all-rounder' and is the extruded alloy of choice for any application where the highest possible quality surface appearance is required. 6060 aluminium is a perfect choice for manufacturing furniture, picture frames and architectural fascias. While overall strength is good, more suitable alloys are available when strength is considered crucial.

All Smiths Profiles extrusions (including 6060) are hardenable, which means they receive their finished strength through a solution or precipitation heat treatment.

About Smiths Profiles

Smiths Profiles is based in Cheltenham, Gloucestershire and is backed up by the resources of its parent company, Smiths Metal Centres, which has a network of 13 distribution centres across the UK.

We will supply your extruded product taking into account the design and application required with one single objective - to meet your requirements in the most cost efficient way.



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Quality Management

Smiths Profiles operate an ISO 9001 approved quality management system. Our quality management system (QMS) is fully embedded in our industry-leading bespoke IT platform.