



Technical Data

Aluminium Alloy Profiles & Extrusions

Introduction:

Our aluminium alloy profiles and extrusions are stocked in architectural grade 6063, to specification BS EN755, 515, 573.

This grade is a versatile extruded alloy, suitable for a vast range of architectural & general applications, with a reasonable surface finish, suitability for anodising and good corrosion resistance. Excellent for welding purposes.

Specific to this product range: comprising - Angle, Channel, Flat Bar, Tee, H shape, Misc. Channels, Mouldings, Y & Z shapes.

- If Mill (untreated) finish is required, please select the product code reference without the (S) suffix.
- Product codes with 's' suffix, indicate a Natural Anodised surface finish option.
- Stock lengths are 4 metres long.
- Dimensions on drawings are shown in mm.
- Jig or clamp marks on anodised items can be unsightly, and are normally positioned up to 50mm in from each end. When aesthetic considerations apply, these markings should be cut away.

General:

BS & European Standards and Specifications

Aluminium & Aluminium Alloy Extrusions: BS EN 755/515/573

BS EN 755: Extruded bar, rod, tube and profiles. Conditions for delivery, properties, and tolerances.

BS EN 515: Wrought products, temper designations.

BS EN 573: Chemical composition, form of wrought products.

Anodising: BS EN ISO 7599

Anodizing of aluminium and its alloys. General specifications for anodic oxidation coatings on aluminium.

Paint & Powder Coating: BS 6496 (1984)

Specification for powder organic coatings for application and stoving to aluminium alloy extrusions, sheet and pre-formed sections for external architectural purposes, and for the finish on aluminium alloy extrusions, sheet and preformed sections coated with powder organic coatings.

GA Helpline 020 8692 2255 Mon-Fri 8.30am-5pm for professional assistance

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