

Sign Letter Specification Guide

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Every figure in this guide is taken from the production specifications published in our own catalogue of 104 builds. Where a figure is not published it is marked TBC rather than estimated.

Constructions

Construction	How it is made	Used for
Fabricated	Sheet metal folded into a face and a return, soldered or welded into a closed letter, then finished	Letters above roughly 300mm, and anything illuminated
Formed 3D	Metal formed over a curved surface rather than folded; laser cut face detail where the artwork requires it	Sculptural logos and emblems, minimum 150mm high
Solid cut	One piece of material cut to shape, no return and no cavity; cut edge finished to match the face	Small letters, slim strokes, close viewing distances
Lightbox	Fabricated metal frame with translucent acrylic faces and internal LED; single or double sided	Fascia panels, projecting flag signs, menu and directory boards

Materials And Grades

Material	Grades and options	Notes
Stainless steel	Genuine 304 or 316 grade	316 resists chloride pitting; specify it for coastal and pool sites. 304 performs the same inland.
Aluminium	Alloy, anodised or powder coated	Recommended for marine environments and for large letter heights. Dents more easily in transit.
Brass and bronze	Solid, polished	Water jet cut or fabricated. Unlacquered brass patinates; say on the order if it should be lacquered.
Acrylic	Solid and translucent; 20, 25 and 30mm for edge lit builds	CNC route cut. Holds a cleaner machined edge than PVC.
PVC	Sheet, several thicknesses; 10mm as a back panel	Indoor use. Sustained sunlight will move the colour.

Finishes

Finish	Applied to	Notes
Brushed / satin	Stainless steel	Diffuses reflections and hides fingerprints. The default for interior reception work.
Polished / mirror	Stainless steel, brass	Reflects the room opposite. Shows water spotting outdoors in hard water areas.
Powder coating	Stainless and aluminium	Any Pantone or RAL code. Applied to the whole batch at once, so later additions can shift.
Wet paint	Metal, acrylic, PVC	Any Pantone or RAL code. Suits geometries that cannot go through the oven.
Anodising	Aluminium only	Grows into the metal. Narrow colour range, metal appearance.

Electroplated gold	Polished or brushed stainless	Colour sits in the plating. Recommended for indoor use.
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Illumination

Type	Where the light exits	Reads in daylight	Production
Frontlit / facelit	Through a translucent acrylic face	Yes	5–7 or 7–10 days
Perforated face	Through LED points punched into a solid metal face	As a dot pattern	5–7 days
Backlit / halo	Onto the wall behind a solid metal face	As unlit metal only	5–7 days
Edge lit	Along the cut edge of solid acrylic	Barely	7–10 days
RGB	Through clear or white acrylic, colour programmable	Yes	7–10 days
Lightbox / flag	Through one or two translucent acrylic faces	Yes	7–10 days

The internal LED used in our channel letters is described by our supplier as CE, RoHS and UL approved. That applies to the LED module, not to the finished sign as an assembly. A transformer is supplied with every illuminated order; the mains run to it is site work.

Fixing Methods

Method	Used on	Requires
Back stud	Halo and channel letters	Holes drilled from the 1:1 template. No adjustment once studs are resined into stone.
Back screw bolt	Fabricated metal letters	A drilled and plugged wall, with bolt length suited to the wall build-up.
3M double-sided tape	Flat cut and lighter letters	A clean, flat, non-porous surface. Size limited; not suitable for render or wallpaper.
PVC or foam bottom	Powder coated stainless builds	A flat surface. Adds depth behind the letter.
Wall foot bracket	Projecting flag signs and lightboxes	A cable route inside the bracket, agreed before the wall is finished.

Lead Times And Terms

Item	Value
Production, fabricated metal and most channel letters	5 to 7 days
Production, lightboxes, flag signs, thick solid acrylic, some rim builds	7 to 10 days
Express shipping	DHL or UPS door to door, approximately 4 to 5 days
Minimum order quantity	None. Any order quantity accepted, including a single letter.
Payment	T/T, Western Union, PayPal
Artwork accepted	AI, EPS or CDR vector files with text converted to outlines
Rim recommendation	Rim construction above 400mm letter height
Minimum height, formed 3D logos	150mm
Factory certification	TBC. Not published and not claimed.

Import duty and clearance	TBC per destination. Payable at destination unless agreed in writing.
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Generated from the same catalogue data as signlettersupplier.com. Prices depend on letter height, material, finish, illumination and quantity and are quoted per job.