

**GEMINI** 

MADE-TO-ORDER. MADE TRUE.™



## Cast & Flat Cut Metal Letters and Logos



Flat Cut



Cast

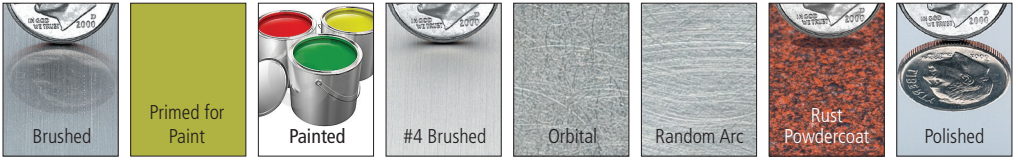


Premium & MINI

*Made True.*

**Aluminum** (1/8" max. single piece - 24" x 30", 1/4" max. single piece - 46" x 48", 3/8" max. single piece - 46.5" x 95", 1/2" max. single piece - 46.5" x 95", 3/4" max. single piece - 46.5" x 95", 1" max. single piece - 46.5" x 95", max. single piece polished - 30" diameter)

**Alloy 5052:**



**Anodized and Anodized Polish**



**Bronze** (Max. single piece 1/8" - 35" x 95", 1/4", 3/8" & 1/2" max. single piece - 45" x 59", max single piece oxidized or patina - 29" x 29", max. single piece polished - 30" diameter)

**Alloy C22000:** 90% copper & 10% zinc – 0% lead.



(Alternative oxidized finish also available)

**Brass** (1/8" max. single piece - 47" x 59", 1/4" max. single piece - 47" x 73", 3/8" & 1/2" max. single piece - 48" x 59", 3/4" max. single piece - 35" x 59", max single piece oxidized or patina - 29" x 29", max. single piece polished - 30" diameter)

**Alloy C46400:** 60% copper, 39.25% zinc and .75% tin – 0% lead.



(Alternative oxidized finish also available)



**Copper** (1/8" max. single piece - 35" x 95", 1/4" max. single piece - 39" x 59", 3/8" max. single piece - 35" x 95", max. single piece polished - 30" diameter)

**Alloy C11000:**



**Stainless Steel** (1/8", 1/4", 3/8" & 1/2" max. single piece - 46.5" x 95", max. single piece polished - 30" diameter)

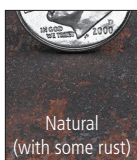
**Alloy C304:** Corrosion resistant stainless steel.

**Alloy 316:** More corrosion and tarnishing resistant for marine and harsh environments.



NOTE: Stainless steel letters and logos are produced without a clear coating. Alloy C304 will not tarnish under most conditions. In cases where stainless steel letters and logos will be installed in salt water or harsh environments Alloy 316 offers even better corrosion and tarnishing resistance. Using harsh chemicals may cause permanent damage to the materials surface. Clean letters with a soft cloth and warm soapy water, white vinegar or glass cleaner.

**Cor-Ten® Steel** (1/8" & 1/4" max. single piece - 46.5" x 95")



Cor-Ten® Steel is the ideal material for a rustic or antique look. All Cor-Ten® Steel, by its very nature, will vary from letter to letter and order to order and will form a protective surface coating when exposed to the weather.

**Flat Cut Metal Mounting Options**

Plain (no mounts)

Stud (1/8" is stud welded, 1/4" + is drilled & tapped to receive stud)

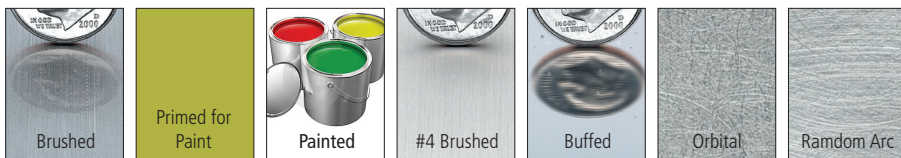
NOTE: Studs required for polished and anodized finishes. Letters / logos can also be stud mounted to metal rails.





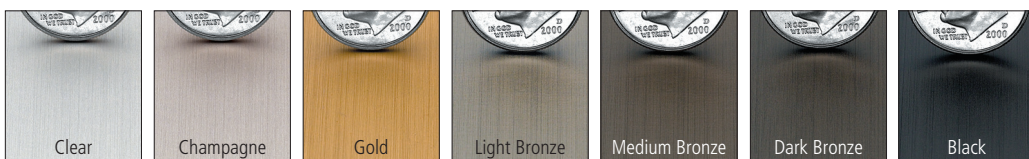
## Aluminum

### Alloy #514



Finish Note: Brushed finishes have a low gloss clear coating. Buffed finish has a gloss clear coat. Painted letters are available with a gloss, satin or matte sheen.

### Anodized



ANODIZING: Anodized letters meet the requirements of A43 from the Aluminum Association's Architectural finish thickness standards, by producing an Anodic coating of .8 to 1.0 mils deep. The hardness of the aluminum oxide coating rivals hard stones, giving it greatly improved abrasion resistance. The aluminum oxide surface is also corrosion resistant, making it ideal for industrial, humid and marine atmospheres. Anodized letters are not clearcoated.

## Bronze

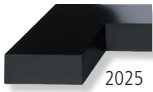
**Alloy NAVY G: 88% copper, 8% tin, 4% zinc – 0% lead.**



(Alternate oxidized finish also available)

FINISH NOTES: Brushed and oxidized finishes are coated with a low gloss acrylic polyurethane to prevent corrosion. Polished finishes are coated with a high gloss acrylic polyurethane to prevent corrosion.

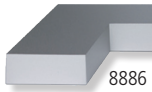
All Patinas, by their very nature, will vary from letter to letter and order to order. These finishes will change in appearance over time depending on contact with moisture and temperature. Patinas can "bleed" onto the installation surface when installed outside.



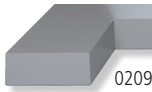
2025  
Black  
Approx PMS Black



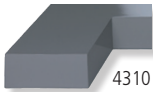
5687  
White  
Approx PMS White



8886  
Metallic Silver\*  
Approx PMS 420



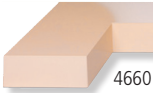
0209  
Grey  
Approx PMS 423



4310  
Dove Grey  
Approx PMS 431



2718  
Ivory  
Approx PMS 7499



4660  
Desert Sand  
Approx PMS 7506



2037  
Lemon Yellow  
Approx PMS 102



2000  
Yellow  
Approx PMS 108



0217  
Citrus Yellow  
Approx PMS 606



0218  
Sundance Yellow  
Approx PMS 116



0254  
Mango  
Approx PMS 137



2119  
Orange  
Approx PMS 021



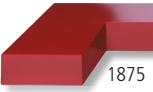
2662  
Red-Orange  
Approx PMS 485



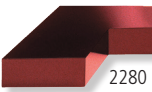
0256  
Rampart Orange  
Approx PMS 172



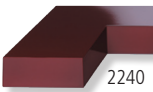
2793  
Red  
Approx PMS 185



1875  
Brick Red  
Approx PMS 7623



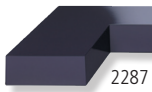
2280  
Black Cherry  
Approx PMS 1817



2240  
Maroon  
Approx PMS 202



2410  
Magenta  
Approx PMS 241



2287  
Purple  
Approx PMS 2695



0246  
Violet Toner  
Approx PMS 2725



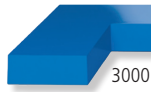
2767  
Midnight Blue  
Approx PMS 5395



2050  
Dark Blue  
Approx PMS 281



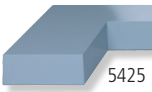
2860  
Medium Blue  
Approx PMS 286



3000  
Blue  
Approx PMS 300



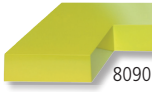
2648  
Light Blue  
Approx PMS 2995



5425  
Marine Reef Blue  
Approx PMS 5425



3210  
Teal Blue  
Approx PMS 321



8090  
Safety Green  
Approx PMS 809



3555  
Spring Green  
Approx PMS 355



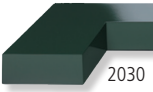
0222  
Emerald Green  
Approx PMS 356



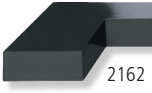
0259  
Federal Green  
Approx PMS 350



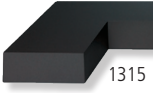
2108  
Light Green  
Approx PMS 3415



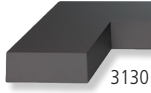
2030  
Dark Green  
Approx PMS 3435



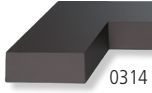
2162  
Hunter Green  
Approx PMS 3308



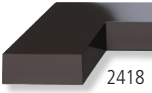
1315  
Dark Oxide  
Approx PMS 447



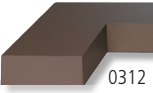
3130  
Duranodic Bronze\*  
Approx PMS 2336



0314  
Old Copper\*  
Approx PMS 2334



2418  
Brown  
Approx PMS 476



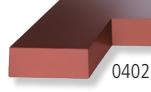
0312  
Medium Bronze\*  
Approx PMS 2335



4195  
Legacy Bronze  
Approx PMS 445



0253  
Copper  
Approx PMS 7600



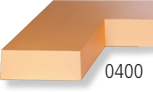
0402  
Aztec Copper  
Approx PMS 7599



2756  
Metallic Gold\*  
Approx PMS 465



0401  
Aztec Gold  
Approx PMS 2317



0400  
Brilliant Gold  
Approx PMS 7556

\* Indicates colors that do not have a full gloss finish.

<b>Adrianna Bold</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
AMERICANA BOLD .....	4", 6", 8", 10", 12", 15", 18", 24"
ARIAL .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>ARIAL BOLD</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
ARCHITECTURAL .....	2", 3", 4", 5", 6", 8", 10", 12", 14", 16", 18", 24"
AVANT GARDE .....	4", 6", 8", 10", 12", 15", 18", 24"
CLARENDON MEDIUM .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>COPPERPLATE</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>EUROSTYLE BD EXT.</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
FRIZ QUADRATA .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>FUTURA BOLD</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>FUTURA</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>GARAMOND BOLD</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
GARAMOND REGULAR .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>Gil Sans Bold</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
Goudy Extra Bold .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>Helvetica Bold</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>HELVETICA BOLDEXT.</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
Helvetica Medium Condensed .....	4", 6", 8", 10", 12", 15", 18", 24"
<i>Helvetica Medium Italic</i> .....	4", 6", 8", 10", 12", 15", 18", 24"
HELVETICA LIGHT .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>Helvetica</b> .....	2", 3", 4", 5", 6", 8", 9", 10", 12", 14", 15", 16", 18", 20", 24"
KABEL .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>OPTIMA SEMI BOLD</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
Optima .....	4", 6", 8", 10", 12", 15", 18", 24"
PALATINO .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>PALATINO SEMI BOLD</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
RIBBON .....	4", 6", 8", 10", 12", 15", 18", 24"
RIBBON DEEP .....	4", 6", 8", 10", 12", 15", 18", 24"
RIBBON CONDENSED .....	4", 6", 8", 10", 12", 15", 18", 24"
ROFFE .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>Roman</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>STANDARD BLOCK</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>Times Bold</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
Times New Roman .....	2", 3", 4", 5", 6", 8", 9", 10", 12", 15", 16", 18", 20", 24"
TRAJAN BOLD PRISMATIC .....	4", 6", 8", 10", 12", 15", 18"
<b>TWENTIETH CENTURY</b> .....	4", 6", 8", 10", 12", 15", 18", 24"
<b>Univers 67</b> .....	4", 6", 8", 10", 12", 15", 18", 24"

*(Additional Standard Sizes may be available depending on font selection)*

Custom Cast Metal Letters



*Custom Cast – Per vector art. Flat, prismatic, round, sculpted & profile options. Letters & logos.*

Cast Metal Letter Mounting Options



Flush Stud



Projected Jam Nut Mount



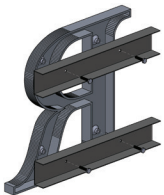
Projected Spacer Mount



Corrugated Mount



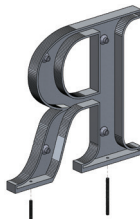
Flat Metal Wall Mount



**3A - Single or Double Rail Mount**  
Includes painted or anodized c-channel rails.  
Letters 4"-24"



**3B - Bottom & Top Rail Mount**  
Letters 4"-24", Minimum 3/8" thick  
Includes painted or anodized c-channel rails. Letters over 8" may require tie-back (not supplied).



**3C - Bottom or Top Stud**  
Letters 4"-24", Minimum 3/8" thick  
Letters over 8" may require tie-back (not supplied).



**3D - Bottom Back Angle Bracket Mount**  
Letters 4"-24", Minimum 3/8" thick.  
Letters over 12" may require tie-back (not supplied). Angle iron is 2" x 2" with a painted finish.



**Premium**

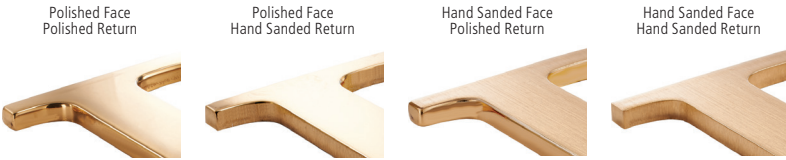
Premium Metal Letters are waterjet or laser cut then hand-stroked or polished—in such a way that the returns and faces are perpendicular, so there is little if any rounding of the edges. Premium finishes are available in most flat cut out materials and thicknesses—in sizes over 3". Minimum 1/4" thick for polished finishes.



**Aluminum & Stainless Steel Finishes**



**Bronze, Brass & Copper Finishes**



**Mini Metal Letters (1/8", 3/16" & 1/4")**



Elegantly crafted for interior needs, yet sturdy enough for exterior signage, Mini Metal Letters are precision-made letters that are ideal where the use of extremely small letters is a necessity. Made of the finest grade bronze, brass and aluminum, they are precision cut with crisp, clean edges and smooth, nearly polished returns. Mini metal letters are produced in sizes ranging from 1/2" to 3" in height. Aluminum mini letters come in brushed, painted, anodized or polished finish.

**Flat Cut Metal Styles:** Virtually any style available with vector art.