Plaques & Panels

D. J. "Red" Simon Middle School
Hays Consolidated Independent School District

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2009

Cast Metal / Precision Tooled
Etched / Engraved
Wayfinding / ADA
Materials
All plaques are made using materials of the highest quality alloys. Whether lead- and mercury-free bronze, high-grade aluminum or lead-free brass. We cast metal plaques up to 15’ single dimension to make a lasting impression. All metal plaques come with a LIFETIME GUARANTEE.

Background Textures

Standard Borders

Custom Borders

Precision Machined

Cast Sculpted

Others borders are also available.
Background Colors

Shown are the most common background colors. There are 45 additional colors available along with custom color matching capabilities.

- Black
- Dark Oxide
- Brown
- Duranodic Bronze

Standard Finish Options

Brushed Finish

Horizontal brushed grain is standard on all plaques.

Edge Color

Plaque edge color is same as background.

Clear Coat Options

Satin is standard on brushed finishes. Gloss is standard on polished finishes. Matte is standard on PhotoRelief™. Clear coat for harsh environments is also available upon request at no charge.

Specialty Finishes

Specialty finishes that provide a classic look. Patina and Oxidized finishes are available in Bronze alloys only, Flash Bronze is an aluminum alloy treated to look like bronze.

- Light Oxidized
- Oxidized
- Dark Oxidized
- Flash Bronze
  Interior Applications Only

Raised Painted

Polished Finishes

- Polished Bronze
- Polished Brass Precision Tooled Only
- Polished Aluminum Precision Tooled Only
- Buffed Aluminum Cast Only

Aluminum will not have a mirror polish, but a bright reflective finish.
Portrait Options

Below are the most common portrait options available. The quality of the image you provide affects the final product.

**Bas Relief**
Solid cast dimensional metal portrait attached to any cast plaque. Standard overall height of 4" to 24" with a finished depth of 3/4" to 1".

**Flat Relief**
An alternative to the expensive and time-consuming process of bas relief, Gemini's flat relief plaques are two-dimensional images that are part of a plaque.

**PhotoRelief™**
A seamless blend of casting and photography, PhotoRelief™ is perfectly suited for unique signage, historical markers, or any plaque that tells a story with words and pictures.

**Etched or Laser Engraved**
Available in stainless steel, bronze, brass and copper.

**Giclée Print**
For use in wayfinding, these all metal panels have your 1200 dpi full color image printed on aluminum, brass, bronze or stainless steel. Simply choose your material, thickness, shape, and supply a high quality image. These high-end panels come with a vandal resistant clear coat that protects the image. These products are warranted for interior use, although they will last under most moderate weathering conditions.

**Oval, Round & Rectangular Ceramic Inserts**
A photograph is scanned at high resolution and a digital transfer is produced and applied to the blank. A clear glaze is applied over this transfer and the insert is fired in a kiln, creating a permanent ceramic image guaranteed not to fade.
CAST & PRECISION TOOLED PLAQUES

Cast Government Seals


Official armed forces insignia are produced in solid bronze or aluminum with blind mount screw holes (Studs included).

Choose from Army, Navy, Air Force, Marines, Coast Guard, Merchant Marines, Department of Homeland Security, POW/MIA and Department of Veterans Affairs.

Wayfinding / ADA

Available in the standard 7" x 8.5" x .25" with a stipple or sand background or in your own custom design. All copy (standard lettering and Grade 2 Braille) and border is raised from the background. Lettering is raised .05" while Braille is raised .031".

Unlike other ADA compliant products – Gemini’s patent pending process does not use loose beads for the Braille component.
CAST & PRECISION TOOLED PLAQUES

Mountings
Available in Blind Mount (no mounting hardware visible), Through Hole Mount (screw heads or screw heads with rosettes visible), or Stake & Post Mounts. Mounting options vary by type of plaque.

Surface Mounts
- Drilled & Tapped
- Blind Mount (Type A)
- Solid Wall Mount (Type B)
- Hollow Wall Mount (Type C)
- Wood Mount (Type D)

Post Mounts
- Post Mount (Type F)
- Post Cap Mount (Type R)
- Garden Stake Mount (Type E)

Stake Mounts
- Square Post Side Mount
- Square Post Back Mount

Rosettes
Rosettes are decorative covers, designed to conceal mounting screw heads used to mount bronze and aluminum plaques. Rosettes are available in various sizes, materials, finishes and types. Bronze rosettes with highlights have been oxidized, while aluminum rosettes with highlights are painted to match the plaque background. Screw heads can also be painted to match plaque background colors.

R-1
R-2
R-3
R-4
R-5
R-6
R-7

1” & 1½” only
ETCHED PLAQUES

Materials
Available in thicknesses of $\frac{1}{16}"$, $\frac{1}{8}"$, $\frac{3}{16}"$ and $\frac{1}{4}"$. Multi-color painting, photo-etching, complex line art and polishing also available.

**Recessed vs. Raised**

The standard on all Acid Etched Plaques is recessed text and graphics that are paint filled.

When raised text or graphics is specified, the background will be painted, leaving the text or graphics in the alloy color.

**LASER ENGRAVED PLAQUES**

Anodized Aluminum & Granite

**Standard Anodized Colors**

Laser Engraved on Black Granite
CAST & PRECISION TOOLED PLAQUES

Cast Benefits

Metal casting is a 6,000-year-old process that has clearly withstood the test of time. A mold of sand or clay is crafted to the desired shape before molten bronze or aluminum is poured and allowed to solidify. The result is a durable, one-piece plaque that can be finished and mounted to fit the desired application.

Gemini has three foundries, and can produce bronze castings up to 96” in diameter and aluminum castings of even greater dimensions. All of our facilities melt their metal using nonpolluting electric furnaces, and use only prime grade, lead- and mercury-free alloys.

You should consider ordering a cast plaque from one of Gemini’s foundries if your plaque order requires:

- Integral sculpting and background textures
- Greater depth and dimension
- Sizes up to 96” circular diameter
- Letters 1/4” or taller - font style may vary
- Higher level of recycled content
- Multiple castings of identical plaques - discounts available
- Greater selection of border styles and mounting options

PRECISION TOOLED

Benefits

Gemini has the best pricing and fastest delivery of solid aluminum, bronze and brass plaques. The following are distinct benefits of buying precision tooled plaques from Gemini:

- Fastest production time in the industry—an average of ten days
- Detailed letters, logos, Braille and standard borders without extra costs
- Any size up to 40” x 84” in any fractional dimension
- Letters as small as 1/4” high with crisp, clean, deep edges—font style may vary
- Aluminum, bronze and brass metal options
- Thin gauge 1/8” plaques available up to 24” x 24”
- Lower carbon footprint than cast products