



matthews makes it[™]
possible

SPECIFICATION GUIDE

CAST PLAQUE SPECIFICATIONS

1. CHOOSE MATERIAL AND RAISED SURFACE FINISH

BRONZE

100% Post-Consumer
Minimum of 87% Copper

**SATIN
BRONZE**

**ORBITAL
BRONZE**

**POLISHED
BRONZE**

ALUMINUM

Aluminum Association
Alloy Designation C443.2

**SATIN
ALUMINUM**

Meets NAMM finish
designation AA-M33-C11-R10

**ORBITAL
ALUMINUM**

2. CHOOSE BACKGROUND TEXTURE

LEATHERETTE



PEBBLE
MAX SIZE: 30"X40"

SCULPTURED

TRAVERTINE

3. CHOOSE BACKGROUND COLOR

Recommended for Bronze

- A. Dark Oxide Stain
- B. Light Oxide Stain
- C. Dark Green
- D. Dark Bronze M-313
- E. Medium Bronze M-312
- F. Light Bronze M-311
- G. Dark Brown M-70
- H. Natural Sandblast (Bronze)
- I. Golden Bronze M-40

Recommended for Aluminum

- J. Black
- K. Metallic Grey
- L. Natural Sandblast (Aluminum)
- M. Dark Grey M-10
- N. Medium Grey M-8
- O. Light Grey M-5

Additional Painted Colors

- P. Beige M-65
- Q. Cream M-71
- R. Ivory M-58
- S. Dark Blue M-28
- T. Medium Blue M-25
- U. Light Blue M-20
- V. Maroon M-118
- W. Dark Red M-115
- X. Red M-107
- Y. Green M-38
- Z. Orange M-102
- AA. White



HAND-RUBBED FINISHES

Simulates the look of antique bronze or pewter. Recessed areas have multiple tones of brownish black created by hand-rubbing the color from the metal. Raised areas may be left with light amounts of hand-rubbed color or can be satin-belted or polished.



4. CHOOSE PROTECTIVE COATING

Diamond Shield® Protective Coating

Recommended for exterior use, this clear coat is factory-applied only. A higher gloss that provides maximum durability in harsh exterior environments.

Matthews Clear Protective Lacquer

A low-gloss appearance that inhibits oxidizing.



5. CHOOSE BORDER



Single Line Border



Double Line Border



Straight Edge



Single Line Bevel



Bevel

6. CHOOSE EMBLEMS, PORTRAITS & LOGOS



Bas Relief



ImageCast™



Flat Relief



Etchings



MetalPhoto



Alumaticolor™

IMAGECAST™

An innovative, patented process, ImageCast™ combines the enduring distinction of cast bronze with the detailed look of a photograph. Imagine turning any photo into a permanent, strikingly beautiful cast bronze or aluminum plaque.

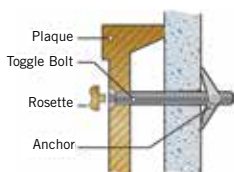


EMBLEMS

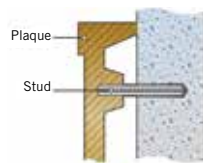
Choose from thousands of our standard emblems at no additional charge. Contact us at 800.950.1317 for emblem availability and custom emblem pricing.



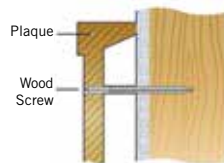
7. CHOOSE MOUNTING METHOD



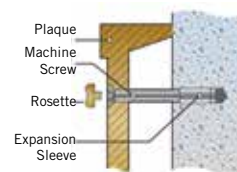
Rosettes & Toggle Bolts



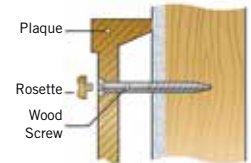
Stud Mount



Through The Face Mount



Rosettes, Machine Screws & Expansion Sleeves



Rosettes w/ Wood Screws

GLASS EXPRESSIONS™ SPECIFICATIONS

1. CHOOSE GLASS TYPE



LOW IRON
Clear Edge



JADE
Green Edge



COLORED
Azulite

2. CHOOSE GLASS SHAPE



**SQUARES &
RECTANGLES**



**CIRCLES &
OVALS**



CUSTOM
Waterjet-cut to any
desired shape

3. CHOOSE GLASS EDGE



FLAT POLISHED
Small bevel of
width not
exceeding 1/16"



BEVEL
Surface edge
of glass beveled
to 1/8" or more



MITRE BEVEL
Cut edge of
glass beveled to
a 45° angle



OGEE
Available on circular
and oval edges from
3/8" to 3/4" thick glass



PENCIL
Standard on
circular and oval
shapes

4. CHOOSE GLASS THICKNESS

1/4" 5/16" 3/8" 1/2" 3/4"

Other thickness available upon request

PRODUCT TREATMENT

ANNEALED

- Standard glass without any treatments
- Used for glass up to 144 square inches

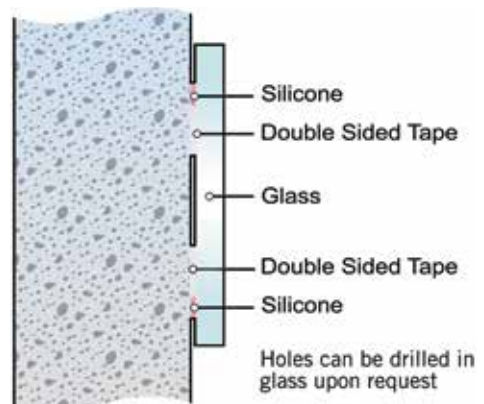
LAMINATED

- Safety glass that holds together when shattered
- Used for glass over 144 square inches



Glass etching provides
integral text and graphics.

MOUNTING METHOD





WHAT IS DESIGNFUSION™?

Apply designs to just about any raised or recessed surface with DesignFusion™ by Matthews Architectural Products. This new and unique in-house finishing option bonds patterns and colors directly to the product being transformed. Adding a design to any product is a simple and effortless process.

AVAILABLE OPTIONS

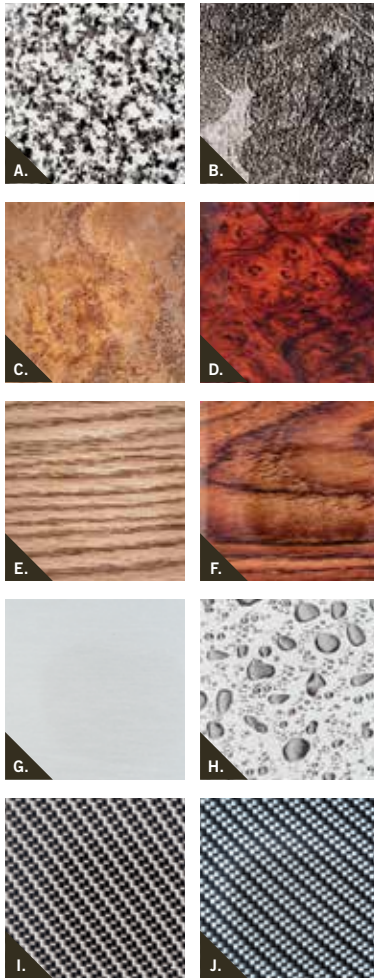
Matthews offers both standard and custom finishing options.

CURRENT OFFERINGS

While there are a wide variety of films available, we currently stock these ten:

- A. Black Granite
- B. Stone
- C. Travertine
- D. Burlwood
- E. Dusty Walnut
- F. Eastern Rosewood
- G. Satin Look
- H. Water Drops
- I. Carbon Fiber Black
- J. Carbon Fiber Silver

Other options are available with a minimum purchase requirement.



CUSTOM LETTERS

Customize letters by adding one of Matthews' finishing options to make them stand out from the crowd.



UNLIMITED DESIGN CAPABILITIES

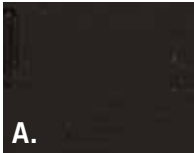
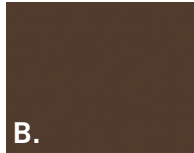


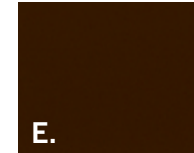


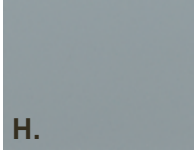
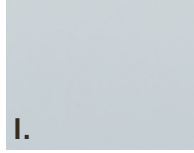
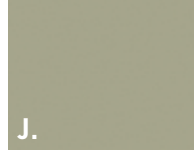
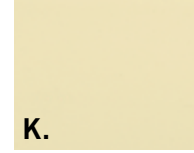
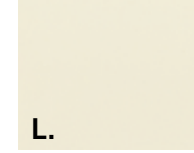



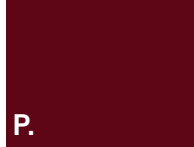




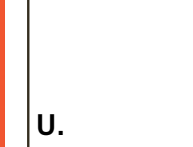
For an even more customized look, you can design your own film. Create a personalized design utilizing your company's logo or branding, match existing décor, or other unique ideas – the possibilities are endless.

ETCHED PLAQUE SPECIFICATIONS

1. CHOOSE MATERIAL AND SURFACE FINISH

ALUMINUM Aluminum Association Standard Alloy 6061 Standard sized sheet: 48"W x 96"L					
STAINLESS STEEL Standard: Alloy 304 Optional: Alloy 316 Standard sized sheet: 48"W x 96"L					
ZINC Standard sized sheet: 24"W x 36"L Available thickness: .064", .125", .163"					
COMMERCIAL BRONZE Copper Development Assn. Alloy C22000. 90% Copper, 10% Zinc. Standard sized sheet: 48"W x 96"L					
BRASS Copper Development Assn. Alloy C26000. 70% Copper, 30% Zinc. Standard sized sheet: 36"W x 96"L					
MUNTZ Copper Development Assn. Alloy C28000. 60% Copper, 40% Zinc. Standard sized sheet: 48"W x 96"L					
COPPER Copper Development Assn. Alloy C11000. Standard sized sheet: 36"W x 96"L					

2. CHOOSE BACKGROUND COLOR

						
A.	B.	C.	D. ☆	E.	F.	G.
						
H.	I.	J.	K.	L.	M.	N.
						
O.	P.	Q.	R. ☆	S.	T.	U.

- | | | |
|------------------------|---------------------|--------------------|
| A. Dark Bronze M-313 | H. Medium Grey M-8 | O. Light Blue M-20 |
| B. Medium Bronze M-312 | I. Light Grey M-5 | P. Maroon M-118 |
| C. Light Bronze M-311 | J. Beige M-65 | Q. Dark Red M-115 |
| D. Black | K. Cream M-71 | R. Red M-107 |
| E. Dark Brown | L. Ivory M-58 | S. Green M-38 |
| F. Golden Bronze M-40 | M. Dark Blue M-28 | T. Orange M-102 |
| G. Dark Grey M-9 | N. Medium Blue M-25 | U. White |



Raised Graphics

Background painted or chemically oxidized, depending on material. Small lettering with fine serifs is not recommended.



Recessed Graphics

Infilled with a painted color. Brass alloys may be chemically oxidized to appear darker.

DIGITAL PRINTING

Full-color graphics, including wood grains, can be printed in recesses and on raised elements with provided artwork.

Square inch printing cannot exceed 48" x 120"



3. CHOOSE PROTECTIVE COATING

Protective clear coatings are used on all metals except stainless steel and polished aluminum.

Coatings are available in the following finishes:

Gloss - standard clear coating; high sheen

Semi-Gloss - medium sheen

Satin - standard for ADA signage; mild sheen

Matte - no sheen

4. CHOOSE CORNERS & EDGES



Square Corners

90° is standard unless otherwise specified



Radius Corners

Specify required radius



Square Edge

90° is standard unless otherwise specified



Bevel Edge

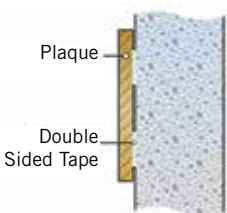
Standard bevel is 45° and is applied to one half the material thickness. Bevel edges are not available on 1/16" thickness.

CUSTOM SHAPES

In addition to the corners and edges above, custom shapes are also available.



5. CHOOSE MOUNTING METHOD

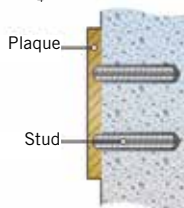


Double-Faced Tape

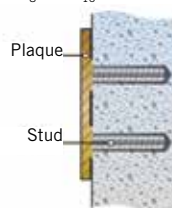


Silicone Mount

Drilled & Tapped Studs
1/4" thick material



Welded Studs
1/8" or 3/16" thick material



Stud Mount



Through The Face Mount

CAST LETTER SPECIFICATIONS

1. CHOOSE MATERIAL & SURFACE FINISH

BRONZE 100% Post-Consumer
Minimum of 87% Copper

ALUMINUM Aluminum Association
Alloy Designation C443.2



Satin Bronze



Polished Bronze



Satin Aluminum



Chrome Plated
Bronze



Light Oxidized
Bronze



Polished Aluminum



Medium Oxidized
Bronze



Dark Oxidized
Bronze



Painted Aluminum

PRISMATIC LETTERS

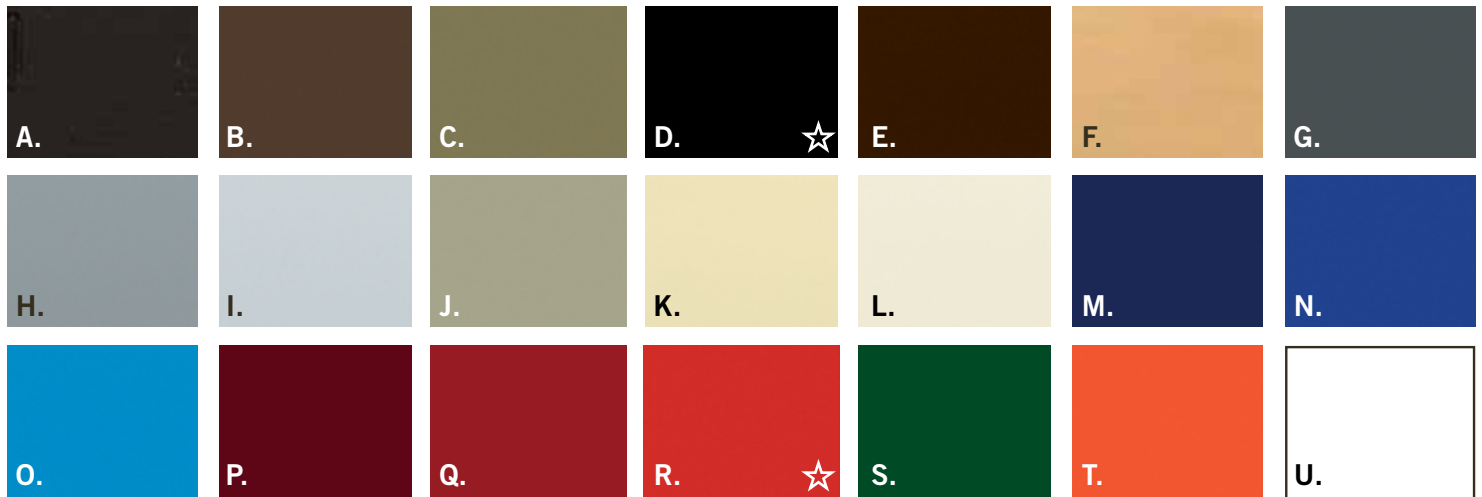


Many cast letter styles can be converted to a prismatic face. A variety of other shapes and textures can also be applied to cast letter faces.

Prismatic letters are often tied to tradition. Their quality and permanence are especially well suited to hotels, law firms and corporations.

May not be appropriate for all letter styles. Not recommended for letter sizes under 1½" in height.

2. CHOOSE COLOR (PAINTED ALUMINUM ONLY)

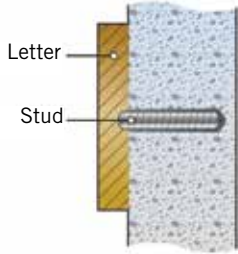


- A. Dark Bronze M-313
- B. Medium Bronze M-312
- C. Light Bronze M-311
- D. Black
- E. Dark Brown
- F. Golden Bronze M-40
- G. Dark Grey M-9

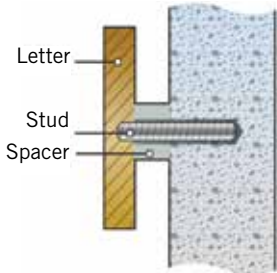
- H. Medium Grey M-8
- I. Light Grey M-5
- J. Beige M-65
- K. Cream M-71
- L. Ivory M-58
- M. Dark Blue M-28
- N. Medium Blue M-25

- O. Light Blue M-20
- P. Maroon M-118
- Q. Dark Red M-115
- R. Red M-107
- S. Green M-38
- T. Orange M-102
- U. White

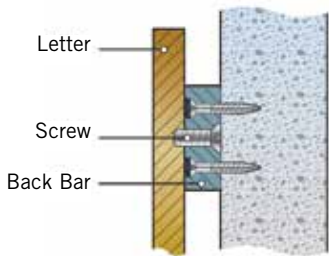
3. CHOOSE MOUNTING METHOD



Flush Mount with Studs



Projected Mount with Studs and Spacers



Back Bar Mount Letters

4. CHOOSE LETTER STYLE [AVAILABLE CAP HEIGHTS IN INCHES]

*Lower case not available. • ^ Numbers not available.



Helvetica Italic
[1, 1½, 2, 3, 4, 6, 8, 10, 12]



Helvetica Medium
[¾, ½, ¾, ¼, 1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24]



Helvetica Regular
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Times New Roman
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Americana
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Century Bold
[2, 3, 4, 6, 8, 10, 12]



Clarendon Condensed*[^]
[1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Garamond Regular
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Garamond Bold
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Goudy Bold
[2, 3, 5, 6, 8, 10, 12]



Kabel*
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Optima
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Optima Semi-Bold
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Palatino
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Palatino Semi-Bold
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Roman Classic*
[¾, ½, ¾, ¼, 1, 1½, 1½, 2, 2½, 3, 3½, 4, 4½, 5, 5½, 6, 8, 9, 10, 12]



Runic*
[¾, ½, ¾, ¼, 1, 1½, 1½, 2, 2½, 3, 3½, 4]



Sans Serif
[¾, ½, ¾, ¼, 1, 1½, 1½, 2, 2½, 3, 4, 5, 6, 8, 10, 12]



Univers 55
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Univers 65
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Univers 67
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Clarendon Bold
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Claw Clarendon Profile*
[1½, 2, 3, 4, 6, 8, 10, 12]



Deep Ribbon*[^]
[2, 4, 6, 8, 10, 12]



Microgramma Extended
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Microgramma Extended Bold
[1, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Clarendon Medium
[¾, ½, ¾, ¼, 1, 1½, 1½, 2, 3, 4, 6, 8, 10, 12, 14, 16]



Futura*
[1, 1½, 2, 3, 4, 6, 8, 10, 12]

WATERJET-CUT LETTER SPECIFICATIONS

1. CHOOSE MATERIAL & SURFACE FINISH

STAINLESS STEEL Standard: Alloy 304 Optional: Alloy 316 (add 30%)
Standard sized sheet: 48"W x 96"L

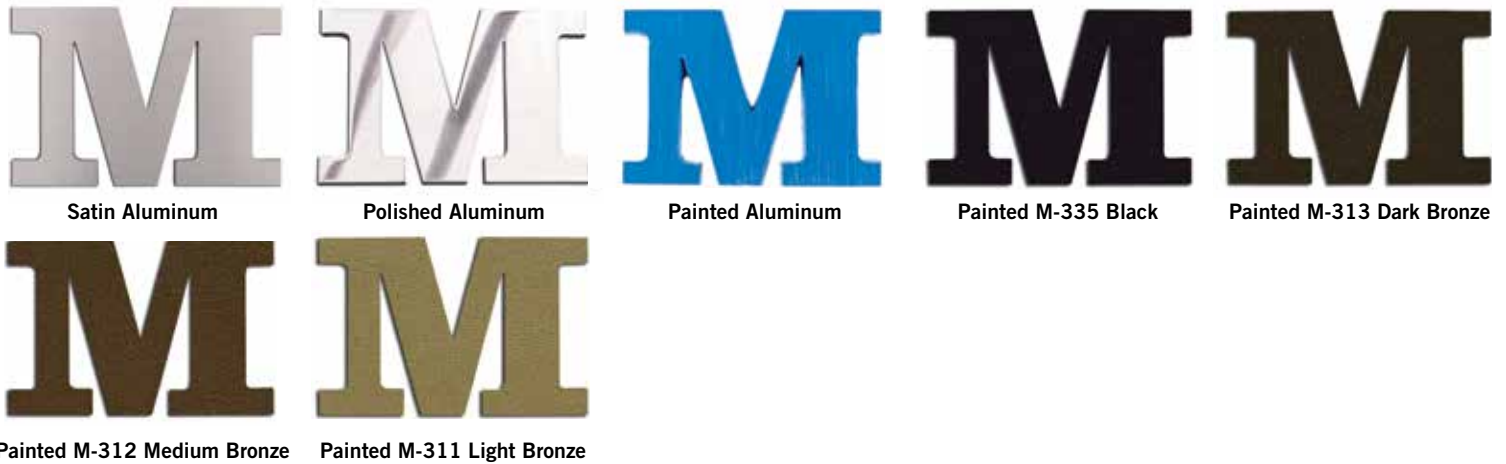


WATERJET-CUT LETTERS & LOGOS

Waterjet-Cut Letters & Logos are custom cut to your exact artwork specifications, providing greater flexibility and customization than standard cast letters.



ALUMINUM Aluminum Association Standard: Alloy 6061
Standard sized sheet: 48"W x 96"L



COMMERCIAL BRONZE Copper Development Association Alloy C22000; 90% Copper, 10% Zinc
Standard sized sheet: 48"W x 96"L



C260 YELLOW BRASS Copper Development Association Alloy C26000; 70% Copper, 30% Zinc
Standard sized sheet: 36"W x 96"L

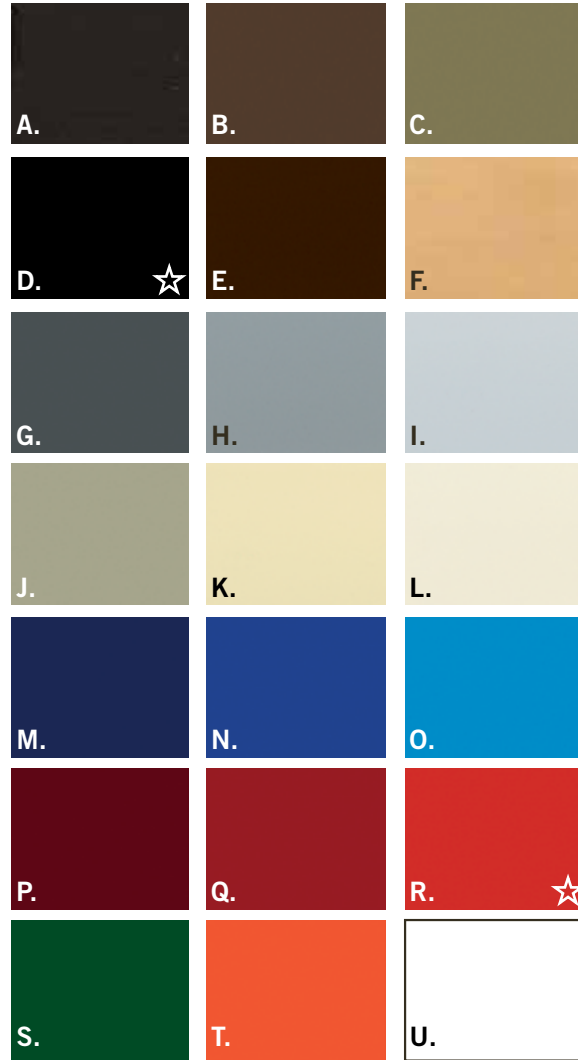


MUNTZ METAL Copper Development Association Alloy C28000; 60% Copper, 40% Zinc
Standard sized sheet: 48"W x 96"L

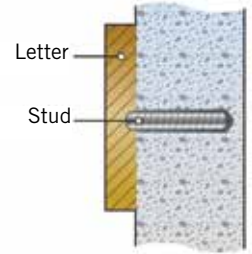


2. CHOOSE COLOR (PAINTED ALUMINUM ONLY)

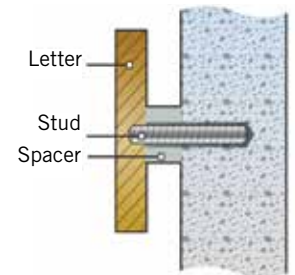
- A. Dark Bronze M-313
- B. Medium Bronze M-312
- C. Light Bronze M-311
- D. Black
- E. Dark Brown
- F. Golden Bronze M-40
- G. Dark Grey M-9
- H. Medium Grey M-8
- I. Light Grey M-5
- J. Beige M-65
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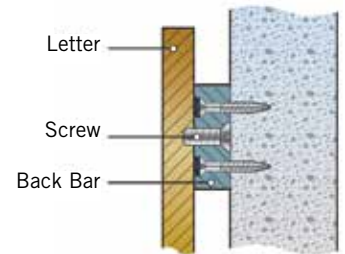
3. CHOOSE MOUNTING METHOD



Flush Mount with Studs



Projected Mount with Studs and Spacers



Back Bar Mount Letters

ARTWORK REQUIREMENTS

We can work with any of these digital formats:

- TrueType font
- .dxf image saved in outline form
- Corel Draw .cdr files saved as curves
- Adobe Illustrator files saved as outlines for either Mac, PC



**LOGOS
ALSO
AVAILABLE!**



Two NorthShore Center | Pittsburgh, PA 15212 | 800.950.1317 | matthewsid.com