Matthews®
ARCHITECTURAL PRODUCTS

ADA DESIGN & SPECIFICATION GUIDE • 2021

Matthews
ARCHITECTURAL PRODUCTS

Your Premier ADA Signage

PARTNER

At Matthews Architectural Products, we understand the challenges of complying with the rigorous ADA standards. Our knowledgeable project management and account teams will guide you through every step of your project to produce the highest quality sign that meets the latest ADA guidelines.

We offer a comprehensive selection of signage solutions with a multitude of design options. Whether you're looking for an affordable acrylic option, a sleek glass design, a modern or traditional metal or have existing signage you need to match, Matthews is your complete signage partner.

Our expert team and quality craftsmanship make it easy for you to design ADA compliant signs that meet your aesthetic, timing and budget.

CONTACT US TODAY!

SALESDESK@MATW.COM • 800.950.1317

matthewsid.com

QUICK TIPS FOR ADA SIGNAGE

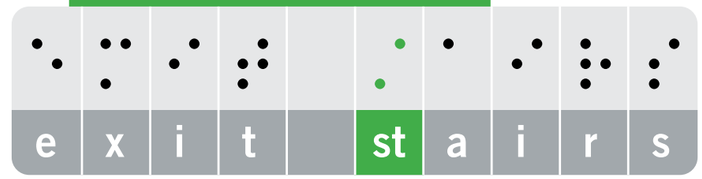
Our experts can help you create an ADA compliant signage suite that also accomplishes your overall project goals.

Contact our knowledgeable team at 800.950.1317 or SALESDESK@MATW.COM to discuss your next ADA signage project.

4” x 16” • 1/8” Thickness
Aluminum • Design Fusion™ Finish
Painted Raster Braille • Custom Size & Shape

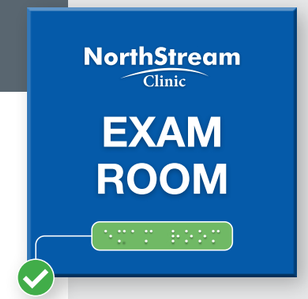
Taken from the 2010 ADA Standards from Accessible Design issued by the Department of Justice, Section 703, Signs.
Additional signage needed to be Title 24 compliant, applies to California only.

GRADE 2 BRAILLE - CONTRACTED



KEEP BRAILLE TRANSCRIPTIONS TOGETHER

To make things easier for those who are visually impaired, it’s required that all braille is grouped together in one section, and always located at the bottom of the sign.



DOES YOUR SIGN REQUIRE BRAILLE?

Required

Signage identifying permanent rooms and/or spaces, such as restrooms or exam rooms.

Signage offering directions to permanent rooms and/or spaces such as those with arrows pointing to lobbies or exits.

Signage identifying rooms and/or places that frequently change are exempt from ADA requirements, such as signs displaying company names and addresses.

DOES YOUR SIGN REQUIRE PICTOGRAMS?

Required on signs for the handicapped

Recommended on common signage

Optional on all other signs

ACRYLIC

6” x 8” • 1/4” Thickness
Pressed Acrylic

6” x 8” • 1/8” Thickness
Pressed Acrylic

10” x 8” • 3/16” Thickness
Pressed Acrylic • 2-Color Painted • Custom Size & Shape

Choose acrylic ADA signage by Matthews for a cost-effective, yet durable signage solution. We craft our high-quality pressed acrylic solution as one-piece to ensure that molded text and braille stay in place. We also offer economical acrylic solutions with both rounded and domed braille options, making it easy to meet ADA requirements.

BRAILLE OPTIONS

Digital Layered Print Braille

Our Direct Jet printer uses LED UV ink and light to print full color images, layered surfaces and textured print that are instantly cured. This process creates an innovative, high-quality signage printing solution that is ideal for both interior and exterior use. Digital layered print offers the most design options for braille signage.

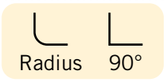
Pressed Braille

With pressed braille, each sign is crafted as one-piece, ensuring that molded text and braille stay in place. Both the top and/or subsurface can be painted or digitally printed with a graphic of your choice.

6” x 3” • 1/8” Thickness
Pressed Acrylic • 2-Color Painted

ACRYLIC SPECIFICATIONS

1. **Materials**
   a. Clear Acrylic
2. **Braille Options**
   a. Digital Layered Print
   b. Pressed
3. **Background Colors**
   We can match a variety of colors including any Pantone Color. Painted or digitally printed.
4. **Thicknesses***
   a. 1/16" - *Digital Layered Print Only*
   b. 1/8"
   c. 3/16"
   d. 1/4"
5. **Standard Sizes***
   a. 4" x 2"
   b. 5" x 3"
   c. 4" x 4"
   d. 4" x 8"
   e. 6" x 8"
   f. 8" x 9"
   g. 8" x 12"
   h. 12" x 14"
   i. 14" x 16"
6. **Finishes****
   a. DesignFusion™
   b. Digital Print Graphic
   c. Subsurface Digital Print
   ***optional*
7. **Textures**
   Textured print available
8. **Corner Options**
   a. Radius
   b. 90°

9. **Edge Options**
   a. 90°

10. **Edge Finishes**
    a. Standard (CNC Finish)
    b. Painted

** Other sizes and thicknesses available upon request.*

ENHANCE YOUR SIGN WITH OUR DISTINCTIVE FINISHES

DesignFusion™
Apply designs such as natural wood or stone to just about any raised or recessed surface with this in-house finishing option that bonds patterns and colors directly to the materials creating a high-end finish at a fraction of the price.

Digital Print Graphics
Full color graphics, including photographs, can be digitally printed on the top surface to create highly personalized signage.

Subsurface Digital Print
In addition to the top surface, the subsurface can also be digitally printed with full color images to create a more versatile product that outlasts other alternatives.

METAL

6" x 8" • 1/8" Thickness
Aluminum • Painted • Digital Layered Print Braille

6" x 8" • 1/8" Thickness
Commercial Bronze • Light Oxidized Finish • Etched Braille

8" x 4" • 1/8" Thickness
Full Painted Zinc • Etched Braille

Choose Matthews' ADA metal signage when you want to convey a sense of permanence and prestige. Our metal signs offer fine detail, crisp text and deep etchings, ensuring your message is easy to read and compliant with ADA guidelines. With seven different material options that can be customized to meet your exact design specifications, we have an option for every budget.

BRAILLE OPTIONS

Digital Layered Print Braille

Our Direct Jet printer uses LED UV ink and light to print full color images, layered surfaces and textured print that are instantly cured. This process creates an innovative, high-quality signage printing solution that is ideal for both interior and exterior use. Digital layered print offers the most design options for braille signage.

Etched Braille

Braille and text are deep etched onto your choice of metal resulting in a clean, detailed look. To comply with ADA requirement, deep-etching must be .032".

Raster Braille

Small holes are drilled and filled with brass or stainless-steel beads that result in dome-shaped braille dots. Pair with tactile letters for a premium look. *Additional fees apply.*

METAL SPECIFICATIONS

1. **Metal Choices**
   a. Commercial Bronze
   b. Stainless Steel
   c. Aluminum
   d. Zinc
   e. Copper
   f. Brass
   g. Muntz Metal

2. **Braille Options**
   a. Digital Layered Print
   b. Etched
   c. Raster

3. **Standard Sizes***
   a. 4” x 2”
   b. 5” x 3”
   c. 4” x 4”
   d. 4” x 8”
   e. 6” x 8”
   f. 8” x 9”
   g. 8” x 12”
   h. 12” x 14”
   i. 14” x 16”

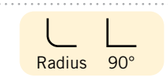
4. **Thicknesses***
   a. 1/16”
   b. 1/8”
   c. 3/16”
   d. ¼” - *unavailable in zinc unless laminate*

5. **Finishes**
   View pages 14 & 15 for full list of finishes

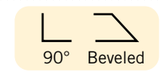
6. **Paint Colors**
   a. Dark Bronze M-313
   b. Medium Bronze M-312
   c. Light Bronze M-311
   d. Black
   e. Dark Brown
   f. Golden Bronze M-40
   g. Dark Grey M-9
   h. Medium Grey M-8
   i. Light Grey M-5
   j. Beige M-65
   k. Cream M-71
   l. Ivory M-58
   m. Dark Blue M-28
   n. Medium Blue 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

7. **Protective Coating**
   a. Satin
   b. Matte

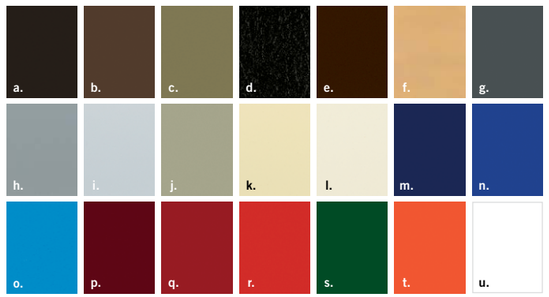
9. **Corner Options**
   a. Radius
   b. 90°



10. **Edge Options**
    a. 90°
    b. Beveled



Paint Colors



Custom Colors Also Available
Custom-matched color $110 additional (minimum) charge.
Submit PMS color matching system numerical designation.

Color swatches are intended to represent the actual painted colors as closely as possible, however, the final color may vary slightly from this sample.

** Other sizes and thicknesses available upon request.*

CHOOSE THE BEST METAL FOR YOUR PROJECT

COMMERCIAL BRONZE
Our highest quality metal, commercial bronze offers a traditional look that withstands the test of time.

STAINLESS STEEL
The strongest silver toned metal, stainless steel provides a clean and modern look for contemporary spaces.

ALUMINUM
Our most cost-effective silver toned metal, aluminum offers a lightweight option that you can upgrade with a decorative finish.

ZINC
Our second most cost-effective silver metal option, zinc is more durable than aluminum and can be painted to match your branding.

COPPER
The brightest and most unique of our red metals, copper has a truly distinctive and luxurious look while providing excellent functionality.

BRASS
Brass is a timeless and durable metal with an aesthetic that spans from classic to contemporary, depending on the application and finish.

MUNTZ METAL
Muntz metal has a warm yellow appearance that is as striking as is it durable.

METAL FINISHES

COMMERCIAL BRONZE

Copper Development Association Alloy C22000; 90% Copper, 10% Zinc

SATIN COMMERCIAL BRONZE

LIGHT OXIDIZED COMMERCIAL BRONZE

MEDIUM OXIDIZED COMMERCIAL BRONZE

DARK OXIDIZED COMMERCIAL BRONZE

ORBITAL FINISH ALSO AVAILABLE

STAINLESS STEEL

Standard: Alloy 304
Optional: Alloy 316

SATIN STAINLESS STEEL

ORBITAL STAINLESS STEEL

ALUMINUM

Aluminum Association
Standard: Alloy 6061

SATIN ALUMINUM

ORBITAL FINISH ALSO AVAILABLE

ZINC

Max Size 20” x 36”

SILVERTONE ZINC

BRONZETONE ZINC

BRASSTONE ZINC

TWO COLOR PAINTED ZINC

ORBITAL FINISH ALSO AVAILABLE

COPPER

Copper Development Association C11000

SATIN COPPER

LIGHT OXIDIZED COPPER

MEDIUM OXIDIZED COPPER

DARK OXIDIZED COPPER

ORBITAL FINISH ALSO AVAILABLE

BRASS

Copper Development Association Alloy C26000; 70% Copper, 30% Zinc

SATIN BRASS

LIGHT OXIDIZED BRASS

MEDIUM OXIDIZED BRASS

DARK OXIDIZED BRASS

ORBITAL FINISH ALSO AVAILABLE

MUNTZ METAL

Copper Development Association Alloy C28000; 60% Copper, 40% Zinc

SATIN MUNTZ

LIGHT OXIDIZED MUNTZ

MEDIUM OXIDIZED MUNTZ

DARK OXIDIZED MUNTZ

ORBITAL FINISH ALSO AVAILABLE

6” x 8” • 1/8” Thickness
Zinc • Bronzetone Finish
Etched Braille

4” x 16” • 1/8” Thickness
Aluminum • Design Fusion™ Finish
Painted Raster Braille • Custom Size & Shape

GLASS

4” x 8” • 1/4” Thickness
Low Iron Clear Glass • Etched Braille

6” x 8” • 1/8” Thickness
Low Iron Clear Glass • Digital Layered Print Braille • Painted

BRAILLE OPTIONS

Digital Layered Print Braille*

Braille is printed via our Direct Jet printer using LED UV ink and light to print layered surfaces and textured print.

Etched Braille*

Artwork, letters and braille are all reversed etched with a depth of 1/32”. We then paint the top and/or back surface of the sign to create a contrast as specified in the ADA guidelines.

** Raised surfaces must be painted with a PMS color.*

4” x 8” • 1/4” Thickness
Low Iron Clear Glass • Etched Braille
Painted Front with Etched & Painted Back

Choose Matthews’ ADA glass signage for a contemporary and natural look with sleek design lines and unobtrusive appearance. This signage is created from a single piece of glass and can be etched or digitally printed on both the top and subsurface. Our domed braille system generates braille dots that meet ADA guidelines and will not fall out. To avoid the appearance of fingerprints, a protective matte clear coating can be applied at an extra charge.

4” x 8” • 1/4” Thickness
Low Iron Clear Glass • Etched Braille
Painted Front with Etched & Painted Back

GLASS EXPRESSIONS™ SPECIFICATIONS

1. **Materials**
   a. Low Iron Clear Glass
   b. Green Edge Glass

2. **Braille Options**
   a. Digital Layered Print
   b. Etched

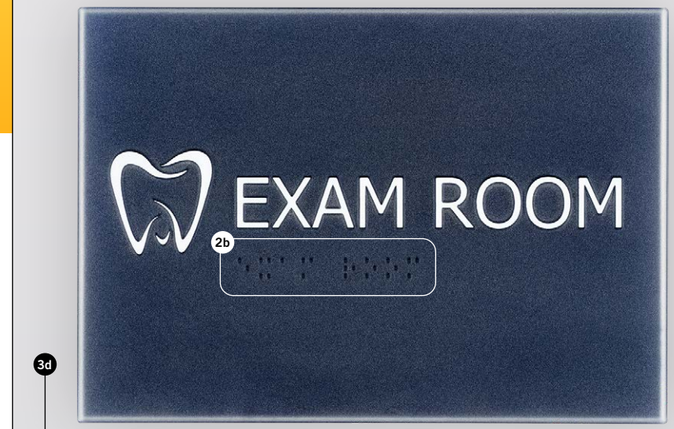
3. **Standard Sizes***
   a. 4” x 2”
   b. 5” x 3”
   c. 4” x 4”
   d. 4” x 8”
   e. 6” x 8”
   f. 8” x 9”
   g. 8” x 12”
   h. 12” x 14”
   i. 14” x 16”

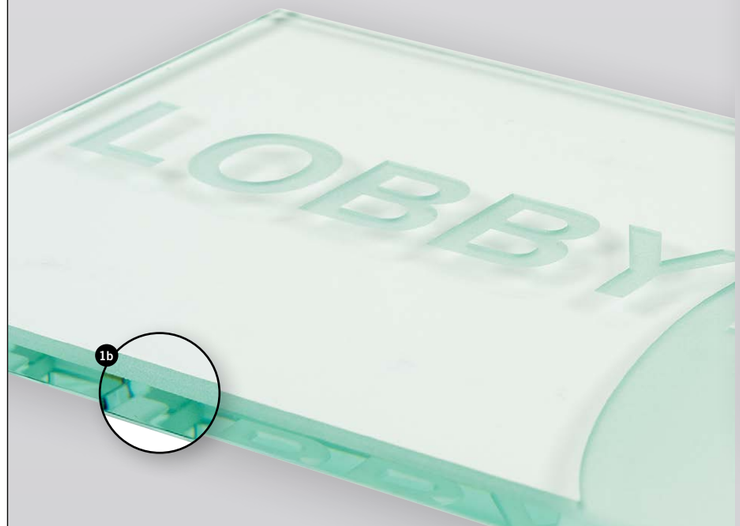
4. **Thickness***
   a. 1/8” - *Digital Layered Print Only*
   b. 3/16”
   c. ¼”

5. **Edge**
   a. Flat Polished *(Small bevel of width not exceeding 1/16”)*

6. **Additional Finishes**
   a. Painted
   b. Frosted or Colored Backer

** Other sizes and thicknesses available upon request.*





UPGRADE YOUR DESIGN WITH PAINTED GLASS

Incorporate paint to make your glass sign stand out. Create a unique look by etching and painting the glass on both the top and subsurface of the sign. Choose one or more colors to complement your branding and most importantly, create contrast to ensure your signage is ADA compliant.

Etched & Painted Front with a Clear, Flat Back

Etched & Painted Front with a Painted, Flat Back

Etched & Painted Front with an Etched & Painted Back

Unpainted Front with an Etched & Painted Back

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