

Informational Series

S440 Informational Sign

S440 Window Signs

Standard Sizes

- ▶ 12" x 12" (305mm x 305mm) with 8.5" x 11" (216mm x 279mm) clear window
- ▶ 16" x 16" (406mm x 406mm) with 11" x 14" (279mm x 356mm) clear window
- ▶ 22" x 20" (559mm x 508mm) with two 11" x 8.5" (279mm x 216mm) clear windows, unframed only
- ▶ 15" x 28" (381mm x 711mm) with three 11" x 8.5" (279mm x 216mm) clear windows, unframed only
- ▶ 18" x 24" (457mm x 610mm) with six 16.875" x 2.375" (429mm x 60mm) clear windows, unframed only

Production Styles

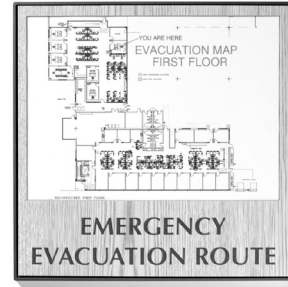
- ▶ Tactile
- ▶ Partial Inlay
- ▶ Flush Inlay
- ▶ Engraved

Frame Options

- ▶ Standard injection molded frames with square or round corners: 12" x 12" (305mm x 305mm)
- ▶ Custom size PVC and aluminum extruded frames available; square corners only
- ▶ Northern Hardwoods frames with red oak or maple wood or bamboo

Additional Information

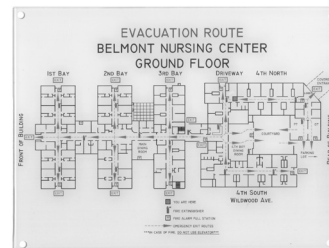
- ▶ Manufactured from Rigid Vinyl Sheet and clear polycarbonate sheet
- ▶ Signs available in more than 180 colors and patterns
- ▶ Logos available; digital file required (eps, wmf, dmx or ai files accepted)
- ▶ See "Sign Collections" for additional style options



S440 Standard



S440 ADW (Arched double window)
Shown with available backplate



S440 Subsurface Sign

Standard Size

- ▶ 9"h x 12"w (228mm x 305mm)

Production Style

- ▶ Digital printing (image printed below top surface)

IPC.963/REV.12



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INPRO CORPORATION
Interior and Exterior Architectural Products

S440 Informational Sign

Suggested Specifications

PART 1 – GENERAL

1.01 SUMMARY

- A. Interior non-illuminated information surface mounted signage.

1.02 SECTION INCLUDES

- A. S440 Informational Sign with Window

1.03 REFERENCES

- A. Americans with Disabilities Act (ADA)
B. American National Standards Institute (ANSI)

1.04 SYSTEM DESCRIPTION

- A. Performance Requirements: Provide signage systems that conform to the following requirements of regulatory agencies and the quality control of InPro SignScape.

1. Signage shall comply with all applicable provisions of the ADA and ANSI A117.1-1998

1.05 SUBMITTALS

- A. Product Data: Manufacturer's printed product data for each signage system indicated in this section.

- B. Detail Drawings: Detail drawings showing sizes and lettering, construction details of each type of sign and mounting details with appropriate fasteners for specific project substrates.

- C. Samples: Verification samples of signage systems minimum of 6 inches (152mm) square of each type and color indicated.

- D. Manufacturer's Installation Instructions: Printed Installation Instructions for each signage system.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in unopened factory packaging to the jobsite.

- B. Inspect materials at delivery to assure that specified product have been received.

- C. Store in original packaging in a climate controlled environment away from direct sunlight.

1.07 WARRANTY

- A. Standard InPro SignScape limited lifetime warranty against material and manufacturing defects.

PART 2 – PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturer: InPro SignScape, InPro Corporation
PO Box 406, Muskego, WI 53150 USA
Telephone 800.222.5556, Fax: 888.715.8407
Email: service@inprocorp.com

- B. Substitutions: Not permitted

- C. Provide all signage systems from a single manufacturer.

2.02 MATERIALS

A. Signage Panel

1. Provide signage material in a color selected by the architect from InPro SignScape color selection.

B. Frames

1. Injection Molded Frames: Molded frames shall be manufactured of injection molded thermoplastic. Frame shall have square corners or corners with a $\frac{3}{4}$ " (19mm) radius.
2. Extruded Aluminum Frames: Aluminum frames shall be fabricated from 6063-T5 aluminum.
3. Extruded Vinyl Frames: Vinyl frames shall be extruded from chemical and stain resistant polyvinyl chloride.
4. Wood Frames: Wood frames shall be fabricated from kiln dried solid maple or red oak with a moisture content of 5-9%.
5. Bamboo Frames: Bamboo frames shall be fabricated from kiln dried solid mao, grass reed in Natural or Carbonized with a moisture content of 5-9%.
6. Keystone Modular Sign Frames: Keystone frames shall be fabricated from extruded aluminum with molded end pieces.

C. Frame Finishes

1. Injection Molded Frames: Color to be selected, by the architect, from the InPro SignScape finish selection. Texture shall be sand.
2. Extruded Aluminum Frames: Color to be selected, by the architect, from the InPro SignScape finish selection. Aluminum shall be anodized.
3. Extruded Vinyl Frames: Color to be selected, by the architect, from the InPro SignScape finish selection. Texture shall be smooth.
4. Wood Stain: Color of the maple and red oak to be selected by the architect from the IPC stain selection. Wood frames shall be finished with two coats of low luster satin finish.
5. Bamboo Stain: Color of the bamboo to be selected, by the architect, in a clear finish. Bamboo frames shall be finished with a water based, low luster satin finish.
7. Keystone Modular Frames: Aluminum side tracks, top and bottom rails and support profiles shall be silver or black. Aluminum shall be anodized.

D. Production Style

1. Tactile (Raised Letter)

- a. Framed: Provide sign panel consisting of a top layer of .060" (1.5mm) sheet, .010" (.3mm) clear polycarbonate sheet (Arch Double Window - .030" (.8mm)) and a back layer of .060" (1.5mm) sheet. Top layer is cut and bonded to clear sheet to create window. Clear sheet is bonded to back layer with space to allow user supplied paper to slide behind clear sheet. Additional .040" (1mm) sheet is cut and adhered to the top layer to create signage. Grade 2 Braille is optional.
- b. Unframed: Provide sign panel consisting of a top layer of .060" (1.5mm) sheet, .010" (.3mm) clear polycarbonate sheet (Arch Double Window and Arch Triple Window - .030" (.8mm)) and a back layer of .060" (1.5mm) sheet. Top layer is cut and bonded to clear sheet to create window. Clear sheet is bonded

to back layer with space to allow user supplied paper to slide behind clear sheet. Additional .040" (1mm) sheet is cut and adhered to the top layer to create signage. Grade 2 Braille is optional.

2. Unframed with Removable Window Panel

- a. Unframed: Provide sign panel consisting of a top layer of .060" (1.5mm) thick sheet bonded to a sign back of .040" (1mm) sheet. Top layer is cut to create opening that will accept removable window panel. $\frac{1}{2}$ " magnetic tape is adhered on the perimeter of the opening. Additional .040" sheet is adhered to the top layer and cut to create signage.
- b. Removable window panel: Provide removable window panel consisting of .010" clear film and a 5/8" wide, .060" thick window border. A $\frac{1}{2}$ " magnetic foil is adhered to the back of the clear film behind the border. Removable window panel mates with the opening in the sign panel and allows easy paper replacement.

3. Partial Inlay (Tamper Resistant Tactile Signage)

- a. Framed: Provide sign panel consisting of a top layer of .060" (1.5mm) sheet, .010" (.3mm) clear polycarbonate sheet (Arch Double Window - .030" (.8mm)) and a back layer of .060" (1.5mm) sheet. Top layer is cut and bonded to clear sheet to create window. Clear sheet is bonded to back layer with space to allow user supplied paper to slide behind clear sheet. Top layer is engraved to receive additional .060" (1.5mm) sheet that is cut and adhered to the top layer to create signage. Grade 2 Braille is optional.
- b. Unframed: Provide sign panel consisting of a top layer of .060" (1.5mm) sheet, .010" (.3mm) clear polycarbonate sheet (Arch Double Window and Arch Triple Window - .030" (.8mm)) and a back layer of .060" (1.5mm) sheet. Top layer is cut and bonded to clear sheet to create window. Clear sheet is bonded to back layer with space to allow user supplied paper to slide behind clear sheet. Top layer is engraved to receive additional .060" (1.5mm) sheet that is cut and adhered to the top layer to create signage. Grade 2 Braille is optional.

4. Unframed with Removable Window Panel

- a. Unframed: Provide sign panel consisting of a top layer of .060" (1.5mm) thick sheet bonded to a sign back of .040" (1mm) sheet. Top layer is cut to create opening that will accept removable window panel. $\frac{1}{2}$ " magnetic tape is adhered on the perimeter of the opening. Top layer is engraved to receive an additional .060" sheet is adhered to the top layer and cut to create signage.
- b. Removable window panel: Provide removable window panel consisting of .010" clear film and a 5/8" wide, .060" thick window border. A $\frac{1}{2}$ " magnetic foil is adhered to the back of the clear film behind the border. Removable window panel mates with the opening in the sign panel and allows easy paper replacement.

5. Flush Inlay

- a. Framed: Provide sign panel consisting of a top layer of .040" (1mm) material, .010" (.3mm) clear polycarbonate sheet (Arch Double Window - .030" (.8mm)) and a back layer of .040" (1mm) sheet. Top layer is cut and bonded to clear sheet to create window. Clear sheet is bonded to back layer with a space to allow user supplied paper to slide behind clear sheet. Top layer is engraved to receive additional .040" (1mm) sheet that is cut and adhered to the top layer to create signage.
- b. Unframed: Provide sign panel consisting of a top layer of .040" (1mm) sheet, .010" (.3mm) clear polycarbonate sheet (Arch Double Window and Arch Triple Window - .030" (.8mm)) and a back layer of .060" (1.5mm) sheet. Top layer is cut and bonded to clear sheet to create window. Clear sheet is bonded to back layer with a space to allow user supplied paper to slide behind clear sheet. Top layer is engraved to receive additional .040" (1mm) sheet that is cut and adhered to the top layer to create signage.

6. Engraved

- a. Framed: Provide sign panel consisting of two layers of .040" (1mm) sheet, .010" (.3mm) clear polycarbonate sheet (Arch Double Window - .030" (.8mm)) and a back layer of .040" (1mm) material. Top two layers are cut and bonded to clear sheet to create window. Clear sheet is bonded to back layer with a space to allow user supplied paper to slide behind clear sheet. Top layer is engraved to create signage.
- b. Unframed: Provide sign panel consisting of two layers of .040" (1mm) sheet, .010" (.3mm) clear polycarbonate sheet (Arch Double Window and Arch Triple Window - .030" (.8mm)) and a back layer of .040" (1mm) sheet. Top two layers are cut and bonded to clear sheet to create window. Clear sheet is bonded to back layer with a space to allow user supplied paper to slide behind clear sheet. Top layer is engraved to create signage.

7. Printed Sign Panels

- a. Provide sign panels that are digitally printed with exterior grade UV curable inks. Panels may be first or second surface printed.
- b. Panel materials and thicknesses: Clear PETG, 1/16"
6. Grade 2 Braille
- a. Provide Grade 2 Braille produced with the Raster™ Method, patented process for placing Braille on signage. Raster™ Braille is computer engineered using a carbide-engraving bit, press-fit tool with vacuum pump and UV stable acrylic rasters.

6. PETG Tactile Signage

- a. Provide sign panel consisting of .040" sheet bonded to .125" PETG sheet. Top layer is cut and assembled to create tactile

signage. PETG sheet shall be second surface painted, second surface printed or first or second surface vinyl decal. Maximum panel size shall be 24" x 48"

E. Accessories/Options

1. Unframed Signage Mounting Options

- a. Double-sided Foam Tape: Provide double-sided foam tape to adhere unframed signage to clean, dry, well sealed substrates.
- b. Magnetic Mounting Strips: Provide magnetic mounting strips to attach unframed signage to steel substrates.
- c. Screw Mount: Provide screw mount unframed signage with exposed mounting fasteners. Fasteners to be located at each corner.
- d. Double-sided Foam Tape and Heavy Duty Adhesive: Provide double sided foam tape and heavy duty adhesive to adhere larger signs and PRISM® signs to clean, dry, well sealed substrates.

2. Unframed Signage Corner Conditions

- a. Square Corners: Provide unframed signage corners that are 90 degrees square.
- b. Radius Corners: Provide unframed signage corners with a .525" (13mm) radii.
- c. Scalloped Corners: Provide unframed signage corners with a .5" (13mm) scallop.
- d. Notched Corners: Provide unframed signage corners with a .5" (13mm) notch.

2.03 MANUFACTURED UNITS

A. Molded Frames

1. Frame Item number, Size and Shape:
SFS1212, 12" (305mm) x 12" (305mm), square corners
SFR1212, 12" (305mm) x 12" (305mm), radius corners

B. Aluminum Frames

- Size - Custom, Minimum 3" (76mm) x 3" (76mm), Maximum 48" (1.22m) x 96" (2.44m)

C. Extruded Vinyl Frame

- Size - Custom, Minimum 3" (76mm) x 3" (76mm), Maximum 48" (1.22m) x 96" (2.44m)

D. Wood and Bamboo Frames

1. Frame Item number, Size and Shape:
SFW-AR2014, 20" (508mm) x 14" (356mm), Arch
SFW-RD1616, 16" (406mm) x 16" (406mm), Radius
SFW-SQ1616, 16" (406mm) x 16" (406mm), Square
Wood Type - Maple, Oak, or Bamboo

E. Keystone Modular Frame

1. Style, Description

- a. Classic Side Tracks Capped, $\frac{1}{4}$ " square side tracks capped top and bottom.
- b. Classic Full Frame, $\frac{1}{4}$ " Square side tracks, top and bottom rails.
- c. Radius Side Tracks Capped, $\frac{1}{2}$ " radius side tracks capped top and bottom.
- d. Radius Full Frame, $\frac{1}{2}$ " radius side tracks, top and bottom rails.
2. Size - Custom, Minimum 3" (76mm) x 3" (76mm), Maximum 96" (2.44m) x 137.8" (3.5m), Maximum panel thickness 1/16" (1.5mm).
3. Colors: Aluminum - black or silver anodized. Molded components - black or gray.
- G. Standard Sign Panels
1. Single Window
- a. 12" (305mm) x 12" (305mm) with one 8.5" (216mm) x 11" (279mm) clear window
- b. 16" (406mm) x 16" (406mm) with one 11" (279mm) x 14" (356mm) clear window
Specify framed or unframed
2. Arch, Double Window
- 22" (559mm) x 20" (508mm) with two 11" (279mm) x 8.5" (216mm) clear windows, unframed only
3. Arch, Triple Window
- 15" (381mm) x 28" (711mm) with three 11" (279mm) x 8.5" (216mm) clear windows, unframed only
4. Today's Direction
- 18" (457mm) x 24" (610mm) with six 16.875" (429mm) x 2.375" (60mm) clear windows, unframed only

PART 3 – EXECUTION

3.01 EXAMINATION

- A. Examine areas and conditions in which the signage system will be installed.

1. Complete all finishing operations, including painting, before beginning installation of signage systems.
2. Wall surface shall be dry and free from dirt, grease and loose paint.

3.02 PREPARATION

- A. General: Prior to installation, clean substrate to remove dust, debris, and loose particles.

3.03 INSTALLATION

- A. General: Locate the signage system as indicated on the approved detail drawing for the appropriate substrate and in compliance with the InPro SignScape installation instructions. Install signage systems level and plumb at the height indicated on the drawings.

3.04 CLEANING

- A. At completion of the installation, clean surfaces in accordance with the InPro SignScape clean up and maintenance instructions.