

# Sanparrel Informational Series

## S440-G Glow-in-the-Dark Window Signs

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### Standard Sizes

- ▶ 12" x 12" (305mm x 305mm) with  
8.5" x 11" (216mm x 279mm) clear window

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### Production Styles

- ▶ Tactile
- ▶ Partial Inlay

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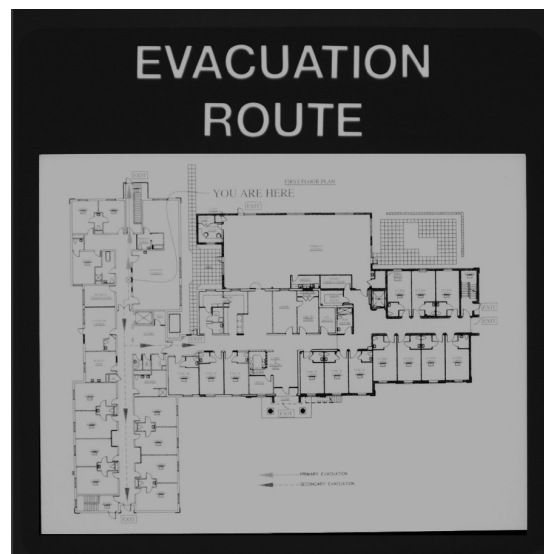
### Frame Options

- ▶ 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

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### Additional Information

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



Window and text glow

IPC.974/REV.5



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**INPro**  
**SIGNSCAPE**  
Signage and Wayfinding

# S440-G Glow-in-the-Dark Window Sign

## Suggested Specifications

### PART 1 – GENERAL

#### 1.01 SUMMARY

- A. This section includes ADA compliant tactile signage and changeable message signage

#### 1.02 SECTION INCLUDES

- A. S440G Glow in the Dark Informational Sign with Window

#### 1.03 REFERENCES

- A. Americans with Disabilities Act (ADA)  
B. American National Standards Institute (ANSI)  
C. American Society of Testing and Materials (ASTM)  
D. Deutsche Institut fuer Normung (DIN)

#### 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
2. Provide Glow in the Dark, photoluminescent material that complies with applicable provisions of ASTM E-2073-02 and DIN 67510. Photoluminescent material shall have up to 8 hours of luminance.

#### 1.05 SUBMITTALS

- A. Product Data: Manufacturer's printed product data for each signage system indicated in this section.  
B. Signage Report: SignPro signage report indicating signage sizes, lettering and construction.  
C. Samples: Verification samples of signage systems minimum of 6 inches 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 E-mail: 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  $\frac{3}{4}$ " 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%.

##### B. 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 red oak and the maple 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.

##### C. Production Style

###### 1. Tactile (Raised Letter)

- a. Framed: Provide sign panel consisting of a top layer of .060" sheet, .010" clear polycarbonate sheet and a back layer of .050" glow-in-the-dark photoluminescent material with up to 8 hours of luminance. 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" sheet or .050" glow-in-the-dark photoluminescent material is cut and adhered to the top layer to create signage. Braille is optional.
- b. Unframed: Provide sign panel consisting of a top layer of .060" sheet, .010" clear polycarbonate sheet and a back layer of .050" glow-in-the-dark photoluminescent material with up to 8 hours of luminance. 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" sheet or .050" glow-in-the-dark photoluminescent material is cut and adhered to the top layer to create signage. Braille is optional.

###### 2. Partial Inlay (Tamper Resistant Tactile Signage)

- a. Framed: Provide sign panel consisting of a top layer of .060" sheet, .010" clear polycarbonate sheet and a back layer of .050" glow-in-the-dark photoluminescent material with up to 8 hours of luminance. 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 .060" or .050" material. Additional .060" sheet or .050" glow-in-the-dark photoluminescent material is cut and adhered to the top layer create signage. Braille is optional.
- b. Unframed: Provide sign panel consisting of a top layer of .060" sheet, .010" clear polycarbonate sheet and a back layer of .050" glow-in-the-dark photoluminescent material with up to 8 hours of luminance. 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 .060" or .050" material. Additional .060" sheet or .050" glow-in-the-dark photoluminescent material is cut and adhered to the top layer create signage. Braille is optional.

###### 3. Grade II Braille

- a. Provide Grade II 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.

##### D. 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® Solid Surface signs to clean, dry, well sealed substrates.

###### 2. Unframed Signage Corner Conditions

- a. Square Corners: Provide unframed signage corners that are 90° square.
- b. Radius Corners: Provide unframed signage corners with .525" radii.
- c. Scalloped Corners: Provide unframed signage corners with .500" scallop.
- d. Notched Corners: Provide unframed signage corners with .500" 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-RD1616, 16"(406mm) x 16"(406mm), Radius  
SFW-SQ1616, 16"(406mm) x 16"(406mm), Square  
SFW-AR2014, 20"(508mm) x 14"(356mm), Arch

##### Wood Type - Maple, Oak, or Bamboo

#### F. Standard Sign Panels

##### 1. Glow in the Dark, Single Window Sign

- a. 12"(305mm) x 12"(305mm), with one 8.5"h(280mm) x 11"w(216mm) clear window. Specify framed or unframed

### 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.

