PHOTOPOLYMER

PART 1 – GENERAL

1.01 SUMMARY
A. Interior non illuminated, Informational surface mounted signage.

1.02 SECTION INCLUDES
A. 120 ADA Room Identification Signs

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 2010 ADA Standard for Accessible Design.

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, construction, schedule and quantity.
C. Samples: Verification samples of signage systems minimum of 6" (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 two year 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 PRODUCTION STYLE
A. Production – Interior Unframed Signage
1. Photopolymer – Clear PETG
a. 0.032 inch (0.8 mm) thick moisture resistant, non-glare interior nylon photopolymer on ultraviolet resistant clear PETG sign base, single piece construction. Laminated photopolymers, added-on characters, and engraved characters are not acceptable. Panel thicknesses shall be .060" (1.5mm), .118" (3mm) or .236" (10mm). Maximum panel size shall be 18" (457mm) x 24" (609mm).
2. Photopolymer – Laminate
a. 0.032 inch (0.8 mm) thick moisture resistant, non-glare interior nylon photopolymer on a Formica, Pionite or Wilsonart laminate sign base, single piece construction. Laminated photopolymers, added-on characters, and engraved characters are not acceptable. Panel thicknesses shall be .118" (3mm). Maximum panel size shall be 18" (457mm) x 24" (609mm).
3. Photopolymer – 3FORM/Designer
a. 0.032 inch (0.8 mm) thick moisture resistant, non-glare interior nylon photopolymer on 3form Varia Ecoresin PETG sign base, single piece construction. Laminated photopolymers, added-on characters, and engraved characters are not acceptable. Substrate thickness will vary depending on finish and pattern.
4. Novacryl Permaglow 150
a. 0.032 inch (0.8 mm) thick moisture resistant interior nylon photopolymer bonded to 0.047 inch 150/22 photo luminescent rigid PVC.
b. Base thickness: 0.047 inch thick photoluminescent rigid PVC

B. Production – Interior Framed Signage

1. Photopolymer – Clear PETG
a. 0.032 inch (0.8 mm) thick moisture resistant, non-glare interior nylon photopolymer on ultraviolet resistant clear .060" (1.5mm) PETG sign base, single piece construction. Laminated photopolymers, added-on characters, and engraved characters are not acceptable. Panel thicknesses shall be .060" (1.5mm). Maximum panel size shall be 18" (457mm) x 24" (609mm).
2. Photopolymer – Laminate
a. 0.032 inch (0.8 mm) thick moisture resistant, non-glare interior nylon photopolymer on a Formica, Pionite or Wilsonart laminate sign base, single piece construction. Laminated photopolymers, added-on characters, and engraved characters are not acceptable. Panel thicknesses shall be .118" (3mm). Maximum panel size shall be 18" (457mm) x 24" (609mm).

C. Production – Exterior Unframed Signage
1. Photopolymer – Exterior Novex Aluminum
a. 0.032 inch (0.8 mm) thick exterior grade photopolymer bonded to .016 Novex Aluminum alloy base. Base material is .118 (3mm) clear Polycarbonite.

2.03 SIGN DESIGNS & SERIES:
A. Reference Inprocorp.com for all collection info
1. Unframed Sign Designs options
a. Aspen   b. Barcelona
c. Boston   d. Florence
e. Madison   f. Manchester
g. Manhattan   h. Phoenix
i. Rio   j. Santa Cruz
k. Savannah   l. Sedona
m. Seoul   n. Sydney
o. Zurich   p. Tokyo
q. Paris
2. Framed Sign Designs options
a. Aspen   b. Phoenix

B. Reference Inprocorp.com for all sign series info
1. ADA Room Identification
2. Room Identification
3. Room Identification with Window
4. Room Identification with Slider
5. Room Identification with Modular
6. Informational
7. Informational with Window
8. Informational with Magnetic Window
9. Directional
10. ADA Regulatory
11. Modular Directory
12. Projection (wall mount)
13. LokTab Patient Notifier

2.04 MOUNTING:
A. VHB Double-sided Foam Tape (interior): Provide double-sided 3M VHB adhesive with conformable foam core to adhere unframed signage to clean, dry, well-sealed surfaces.
B. Screw Mount: Provide screw mount unframed signage with exposed mounting fasteners. Fasteners to be located at each corner, 3/16" (5mm) Diameter
C. Very Heavy Bond (VHB) Double Sided Foam Tape (exterior): Provide double-sided foam tape to adhere unframed signage to clean, dry, well-sealed substrates.
D. Sign Standoffs: Provide sign standoffs that allow unframed signs to project from the wall. Standoffs shall mount through the sign panel at each corner.
a. Finish: Clear Anodized

2.05 FRAMES:
A. Frame Type/Size/Finish (Phoenix & Aspen Collections Only)
1. Injection Molded Frames: Molded frames shall be manufactured of injection molded thermoplastic.
a. Corner: Square or Radius
b. Size:
2" (51mm) x 8" (203mm); 4" (102mm) x 4" (102mm);
4" (102mm) x 8" (203mm); 6" (152mm) x 6" (152mm);
8" (203mm) x 8" (203mm); 12" (305mm) x 12" (305mm)

c. Finish: be selected, by the architect, from the Inpro Sign-Scape finish selection. Texture shall be sand.
2. Extruded Aluminum Frames: Aluminum frames shall be fabricated from 6063-T5 aluminum.
a. Corner: Square
b. Size – Cut to Fit Sign Panel; Minimum 4" (101mm) x 4" (101mm), Maximum 47" (1.19m) x 95" (2.41m)
c. Finish: Color to be selected, by the architect, from the Inpro SignScape finish selection. Aluminum shall be anodized.
3. Extruded Vinyl Frames: Vinyl frames shall be extruded from chemical and stain resistant polyvinyl chloride.
a. Corner: Square
b. Size: Cut to fit Sign Panel; Minimum 4" (101mm) x 4" (101mm), Maximum 47" (1.19m) x 95" (2.41m)
c. Finish: Color to be selected, by the architect, from the Inpro SignScape finish selection. Texture shall be smooth.
4. Contego, Modular Signage System
a. Corner: Square
b. Description: Radius Side Tracks Capped, 5/8" radius side tracks capped at top and bottom. Black acrylic backer.
c. Size: Reference Inprocorp.com/signscape for all sizing info
Max Extrusion Insert Height 8.75"
 Max Extrusion Length: 15"
d. Finish: Aluminum - anodized. Molded components - black or gray. Backer: Black Acrylic

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. Reference Paint manufactures specs for proper drying and cure time.
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.

IPC.3086v2