
PRODUCT RELEASE: Builder Series FE (HYLEX™ FE)

DESCRIPTION

The Builder Series FE (formerly known as Hylex FE) is iSIGN's answer to the demand for One-Piece ADA compliant signage. The sign with integral text and Braille is resistant to extreme vandalism, has unlimited design options, is able to accommodate graphics, and is the choice for durability.

The sign begins with a 1/8" thick Ultramatte substrate of non-glare acrylic, which the computer reverse cuts all the text .015" directly onto the face of the sign. Next letters are individually cut out of 1/16" thick Applique for the sign text. The letters are then fuse embedded into the sign face with methalene chloride to produce a chemical weld. Grade II Braille is achieved by using optically correct acrylic raster balls that are fused .015" into the sign face. This process produces an ADA compliant sign, which the text and Braille cannot be chipped off because they are recessed into the sign face.

Images can be added to the signs, which would be screen-printed directly onto the back of the sign. Corporate logos or graphics are easily incorporated into the design of the sign using the screen printing process.

Construction of the sign provides for a durable, easy to clean, near graffiti proof sign ideal for indoor usage. The sign also is designed to meet all ADA regulations with raised text and Braille. Overall, the Builder Series FE is designed for maximum durability, while still being attractive and able to provide unlimited design options

HIGHLIGHTS

FEATURES

<ul style="list-style-type: none">• One-Piece Sign Construction	<ul style="list-style-type: none">• Text and Braille are fully fused and chemically welded into sign face
<ul style="list-style-type: none">• Unlimited Design options	<ul style="list-style-type: none">• Custom shapes• Unlimited fonts and graphics• Unlimited sign layouts
<ul style="list-style-type: none">• Able to accommodate graphics	<ul style="list-style-type: none">• All graphics subsurface printed to eliminate potential vandalism• Corporate logos and graphics easily added
<ul style="list-style-type: none">• A Rainbow of colors available	<ul style="list-style-type: none">• 18 standard Applique text colors• 25 standard Ultramatte sign colors• Custom sign colors

BUILDER SERIES FE SPECIFICATIONS

Materials: ADA Applique Material (see attached sheet for technical data)
ADA Ultramatte Material (see attached sheet for technical data)

Sign Face: Constructed of Ultramatte Acrylic which is capable of meeting all ASTM specifications as to physical, optical, mechanical, thermal, electrical and flammability properties. Sign face is 1/16" or 1/8" thick with a matte finish. Available in 25 standard colors and an unlimited choice of custom colors.

Sign Text: Formed using ADA Applique material acrylic which is capable of meeting all ASTM specifications to physical, optical, mechanical, thermal, electrical and flammability properties. Sign text is 1/16" thick with matte finish. Available in 18 standard colors.

Pigment System: Acrylic sign face is subsurface printed with a compatible pigment system utilizing formulas tested and proved to have bonding reaction with the Acrylic surface. Colors may be achieved by choosing a standard acrylic opaque sheet, which can be custom colored to meet your design needs.

Construction: An Acrylic plate is cut to the required size. The sign is then reverse cut directly onto the face .015" to be a reverse copy of the text. Next letters are individually cut out of 1/16" thick Applique for the sign text. The match routed letters are then fuse embedded into the sign face with methalene chloride to produce a permanent chemical weld. The computer then drills .03" holes into the sign face, and optically correct acrylic raster balls are fused .015" into the sign face.

Mounting: Sign mounts to the surface with permanent double faced high bond vinyl foam tape and silicone adhesive or by using screws appropriate for the surface being mounted to.

MEETS ALL ADA SPECIFICATIONS

All content and style complies with ADAAG (4.30.1-7) Americans with Disabilities Act Accessibility Guidelines for Building and Facilities.

Tactile Letters and Numerals: Tactile letters and numbers are a minimum of 5/8" high, a maximum of 2" high, and are raised a minimum of 1/32" from the sign surface.

Braille: Grade 2 Braille is to be clear, with no interruption of the smooth, clean surface of the sign.

Pictogram: Where desired, pictograms are to be placed within an area which is 6" in height in which no other information will be displayed.

Contrast: The background of the sign must be matte or non-glare in appearance. The contrast between the background color and text color shall be a minimum of 70 to 1, and the gloss of the materials used shall be within 11 to 19 degrees on a 60 degree meter.