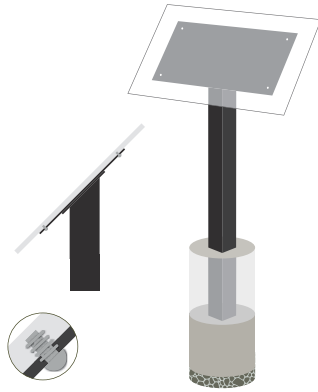


Guide to Selecting a Mount Style and Sign Panel Type

Frameless Pedestal Mount Style (For use with self-supporting sign panel)

A frameless pedestal mount style is intended for use with a **1/2" thick High Pressure Laminate** sign panel

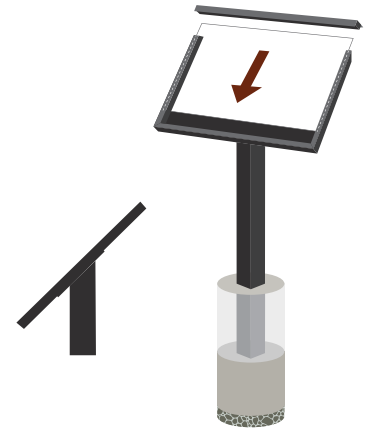


1/2" Thick self-supporting HPL panels are blind mounted with fasteners that pass through the underside of the mount plate into the threaded holes on the back of the sign panel. Self supporting HPL panels do not require full, edge to edge, support.

Frame Mount Style

A frame mount style is intended for use with a 1/8" thick sign panel, of which there are two panel types to choose from:

- **1/8" Thick High Pressure Laminate** sign panel
- **1/8" Thick Tuff Panel**



1/8" Thick non-self-supporting sign panel (high pressure laminate or Tuff Panel) slides into channel at top of the frame. Removeable top rail is fastened back in place after panel is slid into place.

General Considerations in Selecting a Mount Style:

Personal Preference and Location - Some prefer the more contemporary and cleaner look of the frameless mount style, while others prefer the sturdier look of a frame. The location of the exhibit might also influence the decision. For an example, a frameless style might be more appropriate in a urban setting, particularly in the midst of more contemporary architecture and elements. A frame with sleeve style exhibit utilizing a wood post, would be more appropriate in a natural area.

Risk of Abuse and Vandalism - Since a frame provides full support and captures the entire perimeter of a panel, a frame style exhibit can be a better choice for locations where there is a greater risk of vandalism and abuse.

Nature of Panel Content - If panel content is subject to change (maps, wayfinding, regulatory, sponsor / contact information, logos, etc.) updating a frame style exhibit with 1/8" thick replacement panel can be quicker and considerably less expensive.

Non-standard sign panel size or custom shape - Non-standard size or special shaped panels are achieved more economically by utilizing a .5" thick HPL panel and standard frameless pedestal mount. Fabrication of custom sized frames increases fabrication costs.

Additional Considerations in Selecting a Mount Style and Sign Panel Type:

High Pressure Laminate

- What is High Pressure Laminate? Think outdoor durable kitchen counter top. HD printed papers are impregnated with melamine overlays and consolidated at extreme high heat and pressure with a core of phenolic resin
- Panel thicknesses: HPL is self-supporting at a thickness of 1/2" and can be mounted with a frameless pedestal. Also available in thicknesses of 1/8", 1/4", 3/4" and 1". Panels 1/8" and 1/4" thick must be framed or fully supported.
- Custom shaped panels: Custom shape and dimensional panels can be achieved with .5" thick HPL and supported by a frameless pedestal.

TUFF Panel - Graphic marking film / protective over-laminate combination applied to polymetal

- What is TUFF Panel? Similar to the vast majority of signs and graphics you see everyday (traffic signs, vehicles, supermarket floors) – TUFF Panel consists of an adhesive backed printed graphic marking film with an industrial grade clear protective over-laminate, applied to 1/8" thick polymetal panel. What sets TUFF Panel apart is the protective over-laminate. Developed specifically for demanding exterior applications (subways, bus stops, zoos, parks, etc.), it is thicker and has twice the UV inhibitors than comparable protective overlaminates.

Continued

Additional Considerations in Selecting a Mount Style and Sign Panel Type (continued):

High Pressure Laminate

- Graffiti removal: Paint, crayon, felt tip markers, etc. can be removed using organic solvents, such as Simple Green, Goof-Off, Graffiti Solutions, or similar nonabrasive, graffiti removers. Very stubborn graffiti may require stronger solvents, such as mineral spirits. Limit contact with the cleaning agent to 1 minute and always rinse with clean water after cleaning.
- Scratch and gouge resistance: Like kitchen counter top, HPL panels have a hard surface and resist scratching and gouging.
- UV resistance and fading: HPL panels are warranted to not fade for a 10 year period from the time of purchase, as noted in the Limited Warranty.
- Production lead time: 4 weeks.



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TUFF Panel - Graphic marking film / protective over-laminate combination applied to polymetal

- Panel thickness: TUFF Panel is 1/8" thick, NOT self-supporting and must be framed in an angle mount application.
- Graffiti removal: TUFF Panel resists chemicals, a wide range harsh cleaners and graffiti removers. As always, it's a good idea to rinse with clear water after cleaning.
- Abrasion and scratch resistance: With a thickness of 8 mil, the protective overlamine utilized in TUFF Panel is considerably thicker than that of comparable overlaminates and offers good abrasion and scratch resistance. Not as hard as HPL, it does not match High Pressure Laminate in gouge resistance.
- UV resistance and fading: Resists extreme weather conditions. Independent outdoor & QUA tests have proven 9+ years of excellent results for blocking UV damage and preserving printed colors in the Arizona desert.
- Production lead time: 1 to 2 weeks
- Cost: Considerably less expensive than HPL, with a significant savings in packing and shipping as well.