



Five Star Signs Materials & Substrates

Materials

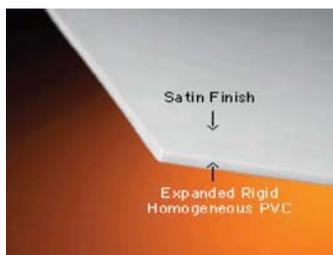
A *material* in sign making refers to the physical surface the ink is applied to. Nearly all materials used in sign making have an inkset or laminate to use specifically for longevity. Five Star Signs always matches materials with the proper inkset and/or laminate for optimal quality and longevity. Materials are matched to the substrate as well, and include a range of quality from 1 to 10 years. Specialty vinyls and laminates are used for textured surfaces, vehicle graphics, window overlays, and many other applications.

Substrates



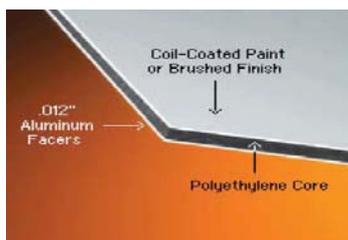
Corrugated Plastic / Coro

Referred to in the industry as "Corex" or "Coro", this material is predominately used for temporary and promotional signage. Ideal for lawn signs (election, job site, sales, promotion directional, etc.) & real estate signs, site signs for new building projects. Five Star Signs uses an opaque Coro for our signs. This way the image from the second side does not telegraph through.



PVC Polyvinyl Chloride Smooth Plastic

A PVC "Foam" that is lightweight yet rigid and durable, ideal for medium-term signs both indoors and outdoors. Commonly used for menu boards, point of purchase, and tradeshow directionals. Other brand names for this PVC product are Sintra, Kapabloc, and Foamacell.

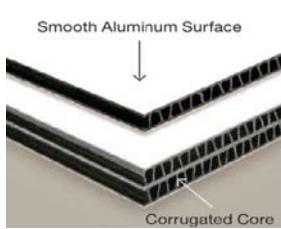


DiBond (ACM)

An aluminum composite material made of two sheets of .012 aluminum with a solid polyethylene plastic core. Ideal for mid-to long term outdoor signs as it is not prone to warping in high heat.

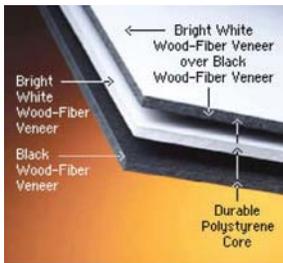
Great for use in post & rail signs or wall signs.

Alumalite



A composite material made of two sheets of .012 aluminum with a corrugated plastic core. Used for long-term lawn signs, building signs, fence or post mounted signs, sales kiosks, and more. This is a very rigid product that can be used between two 4x4 posts and not bend with the wind. As strong as MDO & fiberboard, but plastic & aluminum, so it will not degrade in the weather.

Foamcore & Gator Foam / Gator Plast



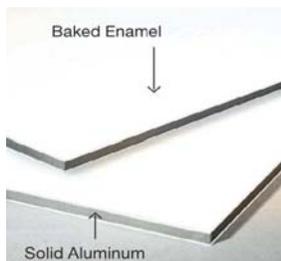
Foamcore is a soft, inexpensive paper product with wood fiber veneer. GatorPlast is an extruded, rigid, lightweight polystyrene foam board bonded between two layers of ultra thin polystyrene veneer. Typically used for medium term office displays, kiosks, POP, exhibits, custom shaped signs, easel signs, and temporary signs.

MDO Wood



Exterior long-term grade plywood core with a moisture proof smooth surface. Plastic edge cap optional. Perfect for construction site signs, real estate, billboards, double post signs and more. Five Star Signs will generally print a sheet of vinyl to cover one or both faces, (single or double-sided), which provides an additional layer of protection for the painted faces.

Aluminum



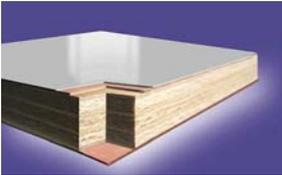
A solid aluminum sheet featuring a smooth, baked enamel surface. Sold in a variety of gauges. Ideal for long to permanent use signs such as traffic, parking lot, parks, & reusable real estate signs. White baked enamel faces come in .080, .063, and .040 thicknesses. Raw aluminum faces may be used if the sign needs to be made reflective by sheeting out with engineer grade reflective vinyl before printing.



Acrylic & Plexiglas

A versatile substrate used for a large variety of applications. Available in multiple translucence levels and thicknesses. Perfect for modern

lobby displays, backlit signs of all types, 3D lettering, etc. Five Star Signs can print on the reverse side of clear Plexiglas and sheet out the print with white vinyl to make a great indoor wall sign that is much protected. Used frequently in health clubs & offices.



FRP Fiberboard

Also known as Fiberglass Reinforced Plywood. Fiberboard can be used in place of MDO wood where larger than a 4x8 is needed. The fiberglass faces provide long lasting outdoor durability. Fiberboard can be fabricated to almost any size; you need a truck large enough to transport it!



Polystyrene / Styrene

High Impact Polystyrene (HIPS) offers a consistent, easily printed matte surface for either one or two sided printing applications. This polystyrene product, available in HIPS sheet or roll stock form, is especially suitable for digital printing of displays, POP graphics, signs, translights, tags and cards. Item can also be contour cut.



Lexan / Polycarbonate

Lexan / Polycarbonate come in translucent white or clear for use in sign faces on backlit signs. It is 3/16" thick and can be cut to many sizes up to 100" x length of sign. Five Star Signs can print full color on translucent vinyls, or cut a variety of solid colors of vinyl to update your sign face.

Other options are always available.

Five Star Signs offers a variety of other options for signs to fit any need. Foamcore, a traditional and more economical foam board for short-term indoor use and displays. Wood/PVC/Metal composite materials for specific sign uses. Specialty textured materials for unique artistic applications. Static cling or temporary adhesive materials, wall mural and decals. The possibilities are endless.

We'll be happy to brainstorm ideas for you and lend our expertise to your sign project.

Thank you to Signs for Spokane for allowing us to utilize this informational piece.