

StarGlas 100

The world's most unique video projection screen



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In architecture and design, it is not only about using the finest materials, it's also about the vision and artistry with which the designer combines resources to create a truly magnificent structure.

After several years of intensive research and lab trials, Stewart introduces StarGlas, a truly revolutionary rear projection screen of remarkable visual and structural properties. With this ground-breaking new family of products, the possibilities at the intersection of architecture and visual display technology are hugely expanded.

StarGlas is much more than just another projection screen. It can be used in a wide variety of settings for any conceivable application. Imagine displaying your key advertisements or company information on windows, glass stairways and even glass flooring.

Leading architects have identified StarGlas as a genuine building material because it qualifies as safety glass, which means it can be installed where this type of specially rated glass is specified in the building codes. This highly versatile and radical screen design allows for floor to ceiling video wall applications since StarGlas can be installed directly on the ground, whereas ordinary glass must be placed at least 18" (457mm) above the finished floor. StarGlas is also available in curved formats to match any custom building design. StarGlas is abrasion and stain resistant allowing astonishing installations that will be in direct contact with the public. It can even be installed outdoors without being affected by the elements.

Many large-scale AV installations consist of a system set-up where multiple projectors are used to create a seamless image across a wide surface area. In video wall type applications where edge-blending may be required, uniformity plays a critical role. StarGlas 100, specifically developed for edge-blending applications, offers excellent white field uniformity and eliminates any potential "hot-spotting". This screen option also provides for a wider angle of view, which allows it to work exceptionally well with multiple projectors.

SPECIFICATIONS

- Production sizes up to 126" x 204" (3200 mm x 5182 mm)
- Peak gain: 1.0 (+/- 10%)
- Half gain viewing angle: 53°
- Designed specifically for edge-blending applications
- Abrasion and stain resistant
- Blocks 100% of UV light
- Qualifies as safety glass
- Standard anti-reflective (AR) coating
- Dry-Erase markers can be used without AR coating

For custom sizes and gains, please consult WebSA or your local Stewart representative.

Made under one or more of U.S. Patents 7,253,953 and 7,417,794

CUSTOM APPLICATIONS AND DESIGNS

- **Walk-About:** The multi-layers of the Walk-About screen offer eye-catching imagery at the tips of your toes. Integrate this unique configuration of StarGlas into floors, stairways, and more. Walk-About applications are custom-engineered depending on the span, mounting, intended use, anticipated weight load, and structural needs that may be required.
- **Monolith:** The Monolith can be utilized in displays where images are to be projected in portrait mode, where height is much greater than the width. StarGlas material is tri-laminated to ensure the stability and support of a glass screen being installed in this vertical position. The Monolith is an excellent choice for indoor or outdoor applications.
- **Bar-Top Projection:** Bar-Top Projection is designed for use in locations with bar areas within the home. StarGlas can be made to fit within any size bar to provide a borderless image without logos or extrusive bezels. Our projection material is extremely durable, water resistant, and offers unsurpassed image quality compared to other under-glass displays systems.
- **StarPresence:** Stewart's StarPresence offers a completely immersive telepresence experience. The soft horizontal curvature of this StarGlas screen creates an environment making videoconferencing more realistic than ever. This product allows members of a conference to feel as though remote participants are actually in the room.
- **StarGlas VCP (Video Camera Port):** StarGlas VCP consists of a video camera port that is seamlessly integrated in a specified area below the projected image area. This customized VC port is virtually indistinguishable when installed. Write-on capabilities are possible when ordered without the standard anti-reflective coating.
- **StarLift:** Stewart has expanded the StarGlas line to include StarLift, a special motorized lift allowing StarGlas to remain hidden when not in use. With StarGlas, ambient light is not an issue so it can be placed virtually anywhere and still deliver a fantastic image. With a push of a button, the screen can arise from virtually anywhere. LCD and plasma TV's have limited screen sizes. However, with StarLift, screen sizes can be much larger, creating a high-end alternative to flat panel TV's.

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