

Stagelite Stereo is a front projection surface specifically designed for 3D applications. Silver aluminium flake based PVC fixed to a unique base material provides high gain characteristics, very low depolarisation level (extinction ratio) and excellent colour temperature. The surface type also supports conventional 2D pictures and is also cleanable.

	Stagelite Stereo	
Application	Event (particularly suitable for polarised 3D systems), Fixed Frame and 4D Theme Rides	
View Distance	Minimum of 5mtr (15') recommended	
Maximum Size	USA manufacture 23.77 x 12.19m (78' x 40')	Europe manufacture 33m x 11m (108' 3" x 36' 1")
Weight	0.50kg/m ² (0.10lb/ft ²)	
Eyelet Spacing	150mm (6") nominal (US) / 200mm (8") France	
Typical Packing	Folded and supplied in a parcel; packed in a long wooden box for larger screens	
Fire Certification	UK BS EN 1103: 2005 Burning Behaviour of Fabrics using BS EN ISO 6941:2003	
Surface Edging Options	<ul style="list-style-type: none"> • Web and eye (grommet). Triple fold web integral with surface • Cloth web and fixings (snaps) for press stud frames • Cut square (unfinished edge) 	<ul style="list-style-type: none"> • Preformed pipe pocket any size on any side • Straight sides or shaped to special order

Despatch/Storage

Screens should normally be transported and stored at temperatures between 5°C and 30°C (40°F and 85°F), with relative humidity less than 80%. If screens are very cold (e.g. following air transport) then they must be allowed to warm up before unpacking, otherwise cold cracking may occur. Screens should be installed within a maximum of 2 months of shipping.

Installation

The following principles should be followed when installing Harkness Stagelite screen surfaces:

- The auditorium should be clean with no building works taking place.
- Installation should be at ambient temperature (20/24°C-68/75°F).
- Care should be taken to avoid the screen coming into contact with sharp objects during installation.
- Excessive loads should not be placed on any specific point of the screen.
- Use of cotton gloves is recommended.
- The viewing surface should not be touched (the rear of the screen is identified by the product label).
- Creasing should be minimised during installation.

The securing of the screen will depend on the edge treatment specified:

- Screens with web and eye (grommets) can be secured using sisal or screen ties (bungees).
- Unfinished screens can be secured using Harkness 'Hold-on' clips and ties.

Using one of these methods, the screen surface is loosely attached to the top of the frame. After this, the top of the screen is fully attached to the top lacing bar by working from the centre out using each eyelet.

The lower edge of the screen should then be laced from the centre outwards, applying sufficient tension to pull the screen flat. Typically, the screen can be stretched up to 5% of its height at ambient temperature of 20/24°C-68/75°F using sisal cord lacing. Side lacing should be from the top down and sufficient to remove the flutes. Excessive side tension should be avoided, particularly on a curved frame, as it will result in straightening of the screen across the curve (belly).

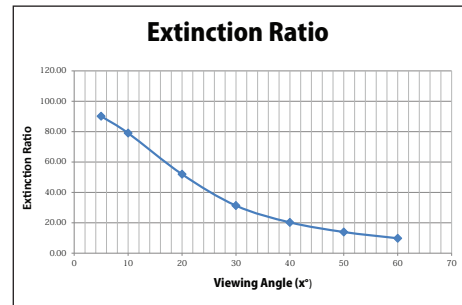
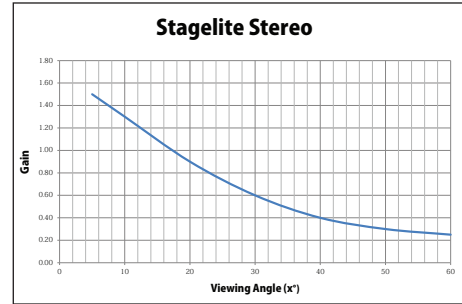
Springs or elasticated ties are not recommended to install Harkness surfaces. The above method can be used for both lace-in and for wrap-round frames. Normally, two people are sufficient to install a screen.

Fire Certification

This product has been tested against UK BS EN 1103: 2005 Burning Behaviour of Fabrics using BS EN ISO 6941:2003. Stagelite Stereo material has a low controlled burn rate with a mean flame spread time of 5.5mm/s, no after-glow and no surface flash over.

Care and Maintenance

The general environment where the screen is installed should be kept reasonably clean to avoid dirt and dust build-up. Screens can be periodically cleaned using a soft brush or cloth, doing this vertically with limited pressure. Screens can be cleaned using a damp cloth wetted with water and a mild detergent. Under no circumstances should screens be cleaned with abrasive materials or harsh chemicals such as acids, bleaches or solvents. Harkness Screens is not liable for damage caused to screens through the use of inappropriate cleaning methods or chemicals.



In the interest of product enhancement, Harkness Screens reserves the right to introduce modifications or alterations without notice.

