



Harkness Screens UK
Tel +44 (0) 1438 725200
Fax +44 (0) 1438 344400

Harkness Screens USA
Tel +1 (540) 370 1590
Fax +1 (540) 370 1592

E-Mail sales@harkness-screens.com
www.harkness-screens.com

**PERLUX® 140+ MPS
FRONT PROJECTION SCREEN
DATA SHEET**

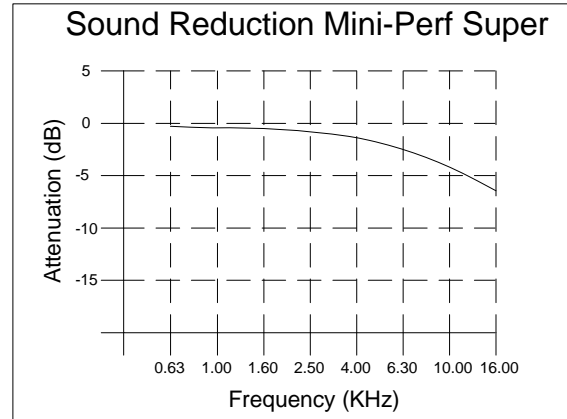
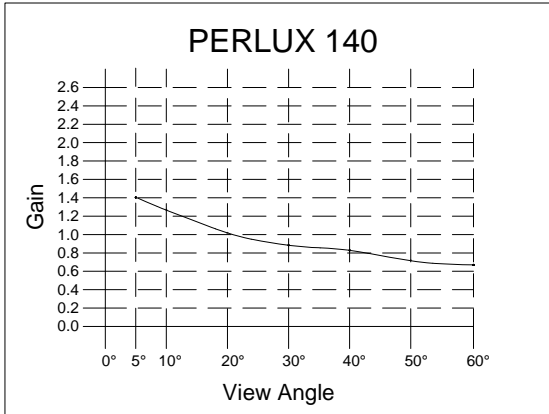
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Perluxe® 140+ MPS front projection screens build on the leading technology of Harkness Screens. The surface has smaller diameter perforations (less than half of standard perforation) but a very high density of holes to provide the ultimate surface for close viewing conditions, coupled with excellent acoustic performance. MPS can be used in digital cinema where larger perforations can interfere with pixel generated images. The screens are seamless.

Application

Perluxe® 140+ MPS screens are recommended for a wide range of applications where optimum acoustic performance is required including:

- Preview Theatre
 - Digital Cinema
 - Screening Room
 - Home Theatre
 - Roller Screen
- Surfaces suitable for use in flat or curved frames and roller screens.



General Detail

View Distance Minimum of 1.5m (5')
Maximum Size 5.2m x 2.2m (17' x 7' 2")
Perforation Size Ø0.50mm (0.020")
Perforation Density 5.1%
Weight 0.50kg/m² (0.10lb/ft²)
Eyelet Spacing 150mm (6") nominal

Typical Packing

Rolled in a cardboard tube.

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. Packages should be handled with care to avoid damage.

Installation

The following principles should be followed when installing Harkness Perluxe® 140+ MPS 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).
- The surface should not be creased during installation.

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.

Surface Edging Options

- Web and eye (grommet). Triple fold web integral with surface
- Preformed pipe pocket any size on any side
- Cloth web and fixings (snaps) for press stud frames
- Straight sides or shaped to special order
- Cut square (unfinished edge)

Fire Retardancy

Certification to the following standards:
UK BS 5867 Part 2
USA NFPA 701
France M2
Germany B1
Spain M1
Italy Class 1
Japan BT-08-050 (regulation requires certification by importing company)
Korea (regulation requires certification by importing company)
Australia

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