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**RP230
REAR PROJECTION SCREEN
DATA SHEET**

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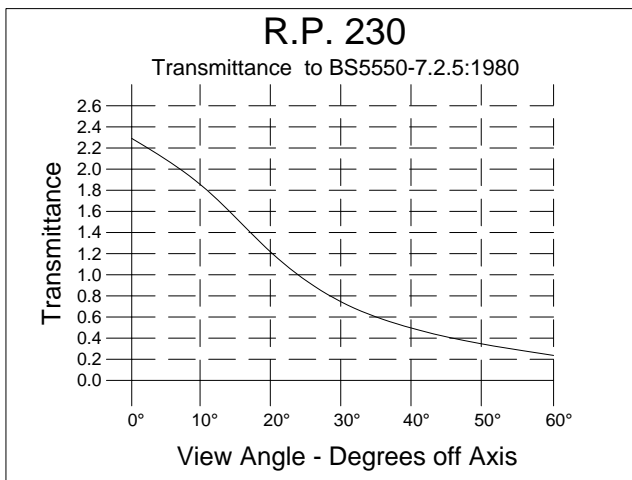
RP230 is a flexible, translucent vinyl which is used in installations where a soft rear projection screen is required. Neutral grey in colour, the surface offers high transmission and low reflectance values for optimal viewing. With built-in diffusion to overcome hot-spotting, it gives excellent colour rendition, contrast image registration and a wide viewing angle. RP230 is manufactured in seamless rolls of 3m x 91m (10' x 300'). Harkness seaming techniques ensure that screens of any size are available with virtually invisible seams under normal projection conditions and viewing distances. Surfaces may be folded for transit.

Application

- Suitable for all types of rear projection, RP230 is particularly useful in bright ambient light conditions where a high contrast screen is required – exhibitions, conferences, road-shows and multi-use auditoria shows.
- Screens are recommended for:
 - Lace-in stretching into flat or curved frames.
 - Stud (snap) fixing to Harkness Easi-Rect (or alternative) folding frame systems.

Projection

Viewing side is the mat side of the surface.



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

General Detail

Maximum Size No specific limit
Weight 0.43kg/m² (0.09lb/ft²)
Eyelet Spacing 150mm (6") nominal
Seaming 3.00m (10') wide panels
Mildew Resistant

Typical Packing

Folded in parcel or parcel box up to 90m² (1000ft²). Wooden crate for larger sizes.

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 RP230 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 excessively 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. Under no circumstances should the screens be made wet or cleaned with any material containing bleach or other chemicals.

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