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**rosco**  
**PROJECTION  
SCREENS**



# The Range

COLOUR	1.4M	2.2M	2.8M
Grey	●	●	●
Black	●		●
Twin White	●	●	●
Light Translucent	●	●	●
Sky Blue	●	●	
Misty Blue	●	●	
Front White	1.5m	●	

### Availability

Any length of the full uncut width is available from stock - minimum 1 linear metre.

### Custom Screens

Screens can be made to any height and width. For larger sizes the screen material is welded together in an ultrasonic process to give extremely fine seams which normally run vertically and which are effectively invisible from 5m or more. Screens can be made to any shape, including circular.

## Specifying and Ordering the Roscoscreen You Need


Whilst Rosco is happy to provide you with as much technical information and guidance as you need, we would ask you to order your custom screen from your preferred Rosco dealer. To specify a screen for an exact quotation or order you need to give the following information.


- Colour of the screen.
- Height and width of the overall size. If the shape of your screen is not a standard circle, rectangle or square we will require a dimensional drawing indicating which surface will face the audience: remember that the viewing side is matt to reduce unwanted reflections.
- Specify the edge details.

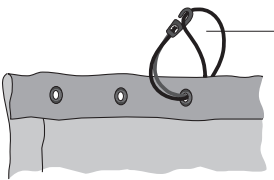


Twin White is an ideal material for creating sets and boundaries. It is relatively low in cost and can be easily stretched and fixed. Because of the wide angle viewing cone it is easily back lit for controlled brightness and colour as well as image or gobo projection. The illustrations show television sets using Twin White as windows and softly lit walls.

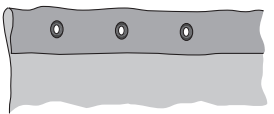
# Edge Details

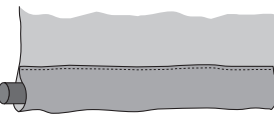
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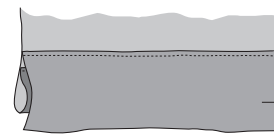
1. Any length, full uncut width; or screens to any size without any edge detail for fixing on site.
- 

2. Velcro edging can be provided
- 

Spanfix

3. Top - usually seamed, 5cm depth. Eyelets can be specified at 25cm or more. Cotton ties can be specified, or Rosco Spanfix.
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4. Sides - If top and bottom edges are properly fixed, there is no need for eyelets, but of course they can be specified.
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5. Bottom - This can be eyeletted or have a pipepocket (normally 10cm). For cycloramas an additional skirt can be provided to cover eyelets or pipepocket.
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Skirt

## Care and Maintenance

Screens are shipped folded for economical transport, and should be hung for at least 24 hours, preferably stretched, at room temperature.

Screens can be stored rolled on a solid core, suspended horizontally and kept covered.

Screens can be cleaned using a damp cloth and a mild detergent.



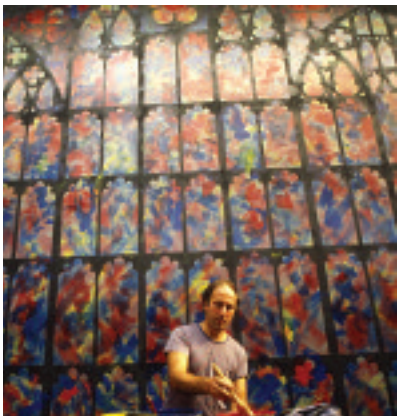
Twin White was used to make this impressive 10m high x 16m wide screen for the Peterborough Community Church. The remit was "to provide a backdrop to cover all that goes on during our services and other events". To date, this is the largest screen Rosco has produced in the UK . and although welded, still gives the impression that it was made from one piece.



These pictures illustrate a black screen that has a tree painted on the front with differing foliage and skies, back projected to mark the passage of time and seasons.



Screens can be used for projection, or colour washes with light, or as illustrated here - a 14m x 9m Light Translucent Screen painted with Rosco Supersaturated paint to make a back lit stained glass window for a tattoo.



# Choosing the Colour

## For Rear Projection Only

**Grey**  
The medium grey colour still blends into the scenery well, but with a higher direct light transmission and brighter image. The viewing cone opens up to 120°.

**Black**  
The most dramatic of all - is best used when the screen must be inconspicuous in a set when not in use. The light transmission is only about 6% but the screen comes magically to life when projected on, with excellent contrast and fine detail resolution. The viewing cone is limited to around 60°.

**Light Translucent**  
This has a very high transmission and efficiency, useful in very high level of ambient light situations. There is a narrow cone view angle, and great care must be taken to avoid the line of sight between the viewer and projector, as there is a hot spot. Light Translucent is a good choice for use as a diffusing medium.

**Sky Blue**  
A colour which when unlit has a skyblue tone, and of course cool colour in projection; good for large area daylight simulation.

**Misty Blue**  
Gives a moderate direct light transmission with an intriguing faint misty blue colour cast.

## For Rear and/or Front Projection

**Twin White**  
The most versatile screen. This gives equally bright images for front or rear projection, so that a designer can cross-fade between front and rear projection unnoticed. The viewing cone is 180° which provides for unlimited audience positions and maintains equal brightness.

## Front Projection Only

**Front White**  
This is a highly reflective opaque material for front projection. It gives a high brightness image with a very wide viewing angle cone.

- ### Specification
- All Rosco screen materials are inherently flame retardant to international standards.
  - Materials are all front surface matted to minimise unwanted reflections.