

# PROJECTION

## PROJECTION SCREENS

We stock a comprehensive range of projection screen materials, each with their own properties and suited to different applications. Screens are generally matt at the front to minimise the unwanted effects of ambient light. Available by the metre, or as made up screens.

**Front White** A highly opaque, reflective material for front projection. Best used where a bright image and wide viewing cone are required. Tough all-round screen, suitable for both full screen and full-frame soft-edge projections. Popular for cinemas.

SPECIFICATION: Thickness: 0.3 mm, Gain [front]: 0.98, Seaming possible: YES, Material: PVC, Flame Retardancy: EN 13501-1 B-s3, d0, BS 5867, NFPA 701, Weight: 400 g/m<sup>2</sup>, Screen type: D.

**Twin Creamy White** Designed for front or rear projection, whilst maintaining excellent brightness [though slightly reduced from the rear]. Wide viewing angles make this the most popular of screen materials. Particularly useful for projecting backdrops.

SPECIFICATION: Thickness: 0.3 mm, Gain [front]: 0.77, Gain [rear]: 0.32, Seaming possible: YES, Material: PVC, Flame Retardancy: EN 13501-1 B-s3, d0, NFPA 701, Weight: 400 g/m<sup>2</sup>, Screen type: D / R.

**Twin Black** Used in situations with high quantities of ambient light, has fine detail resolution when back lit with a strong image. Ideal for use when the screen needs to be inconspicuous until needed for projection, although it has a narrow field of view.

SPECIFICATION: Thickness: 0.3 mm, Gain [front]: 0.14, Gain [rear]: 1.25, Seaming possible: YES, Material: PVC, Flame Retardancy: EN 13501-1 B-s3, d0, NFPA 701, Weight: 400 g/m<sup>2</sup>, Screen type: D / R.

**Twin Grey** Highly resistant to scattered and ambient light whilst maintaining good light distribution, the high diffusion makes it ideal for blended projections. The image contrast may be lower than with other screens.

SPECIFICATION: Thickness: 0.3 mm, Gain [front]: 0.31, Gain [rear]: 0.24, Seaming possible: YES, Material: PVC, Flame Retardancy: EN 13501-1 B-s3, d0, NFPA 701, Weight: 400 g/m<sup>2</sup>, Screen type: D / R.

Full rolls can be supplied with a self adhesive backing to special order.

Projection Screen Material	width	code	price
			per linear metre
Front White	2 m	PRSC01	£51.00
Twin Creamy White	2 m	PRSC02	£51.00
Twin Black	2 m	PRSC03	£51.00
Twin Grey	2 m	PRSC04	£51.00

**Made Up Projection Screens** Screen material can be welded to create larger sizes or made up into screens with eyelets or pockets. Please email a sketch of your screen for a quotation. Our sales staff will require written confirmation of the sizes before processing the order, and there is a 10-14 day lead time. For Spanfixes see page 205. For Holdons see page 138.

### For budget projects... or those in a hurry

We'd recommend checking out the Holdons [see page 138] to add a connection point to stretch the screen, or eyelet kits [see page 137]. Combining either of these with Spanfixes or bungee cord loops [see page 205] and a scaffolding frame [see page 232] and you've got a first class projection screen! If you're really on a budget you can probably get away with a piece of canvas [see page 134], but you'll get a much better effect with a proper screen, and a decent projector.

## PROJECTION PAINT

Over the years we have come across many different projection screen paints. None of them have come close to impressing us as much as HatoScreen [below], and this is now the only projection paint we stock. However, do be aware, that with paint, preparation is key! The surface must be super smooth.



Photo courtesy of Studio Hamburg – the back image is projected onto Black HATOScreen.



### HATO@Screen Black or White Projection Paint

We were very impressed when we saw painted surfaces burst into life with colour-faithful projections. Sounds extravagant but this HATO@Screen Projection Paint turns wood, concrete and, as it's flexible, even textiles into a surface that will reproduce a very good image with uniform brightness.

Excellent luminance – sends more light back than you throw into it – and image reproduction when seen from almost any angle. Preparation is everything: if brushed on it will show the grain so for best results spray first with a primer then apply by spraying. People were so impressed when we demonstrated this at the ABTT in 2016 - they quite often thought our screen was an LCD display!

\*NB: The paint's metallic sheen makes it appear more dark anthracite rather than pitch black when put next to black surfaces.

Black\*  
projection  
paint!

Water-based. For large areas we can also supply 12 L sizes, call us to discuss your project. Covers 6-8 m<sup>2</sup> per litre.

HATO@Screen	size	code	price
Black [appears dark grey]	1 L	PAT24002	£72.78
Black [appears dark grey]	5 L	PAT24003	£289.00
White	1 L	PAT24001	£69.98
White	5 L	PAT24004	£289.00