Rear Projection Screens

Each rear projection system needs to fit its environment: audience seating, projector (light output, resolution, image format) and room light level. Draper provides rigid rear projection screen systems to fit any need.

Dimensions, drawings and specifications available at:
http://www.draperinc.com/go/RearScreens.htm

IRUS

When legibility is the key.

The **Infinite Resolution Uniformity Screen** is specifically designed for maximum legibility with high resolution projectors.

• Uniform center–to–corner brightness
• Superior color reproduction and excellent contrast
• Unique antiglare finish on ¼˝ acrylic substrate
• 1.0 gain across a 180° viewing cone

Vortex

Combining the best of optical and diffusion rear screen technology.

The Vortex is a marriage of optical and diffusion technologies. A 0.5 mm Fresnel lens directs light from the projector at a right angle through the screen. As the light exits the screen on audience side, a diffusion medium redistributes the light evenly in all directions.

• Wide viewing cone in both the horizontal and vertical axes
• Extraordinary center-to-corner brightness ratio
• Great in videowalls and rooms with tiered seating patterns.
• Difficult to scratch or damage.

DiamondScreen™

Offering the brightest and most uniform image.

The DiamondScreen delivers incredible optical performance with its patented Fresnel/lenticular lens system. Its amazing uniformity and brightness allows you to turn the brightness down on your projector to save energy and lamp life.

• The world's most sophisticated, efficient rear projection screen
• A panoramic 180° horizontal viewing cone, and the largest vertical viewing cone of any product of its type
• High Contrast Grey optical tint, for superior color contrast
• Anti-reflective properties for superior performance even under conditions of high ambient light
• Superior corner-to-center brightness ratio, with no "hot spots"
• 3.5 gain on axis

Telus House conference room—Toronto, Ontario. LEED® Silver Certified.
Photography © Ron de Vries—Toronto, Ontario

Cinescreen®

Draper's Cinescreen line of diffusion screens uses the finest plate glass and clear acrylic as substrates. Choose the ideal combination of substrate, coating, and tint to meet your needs.

Substrates

• Cineglass®—Provides maximum sound isolation, scratch resistance, service life and rigidity. Must be installed by a glazier due to weight. Glass recommended for use with multiple projectors.
• Cineplex®—Lightweight and durable. Easy to install.

Optical coating determines the brightness and contrast levels of the image, while providing inherent abrasion resistance. Optical tint influences image contrast and color value.

Optical Coatings

• Cine 10—Gain of 1.0.
• Cine 13—Gain of 1.3.
• Cine 15—Gain of 1.5.

Optical Tints

• HC—High Contrast dark grey tint (e.g. Cine 13HC).
• NG—Neutral grey tint. Standard formulation (e.g. Cine 13NG).
• W—White optical tint (e.g. Cine 13W).

System Options:

• **ArmorKote®—**The toughest rear screen protective coating available to help resist solvents, grease, oil, ammonia, and normal impacts from fingernails, pointers, pencils, and pens.
• **NonGlare—**Anti-reflective coating. Slightly diminishes resolution.
• **Installation—**Factory-installed Cineframe. *See below.*

Cineframe® for Draper Rear Screens

Rigid rear screen installation costs and problems are virtually eliminated with factory-installed Cineframes. Simply place the screen in the finished wall opening, shim into position and trim as desired. Four styles in anodized extruded aluminum. *Dimensions, drawings and specifications available at: http://www.draperinc.com/go/Cineframe.htm*

System 400—Simplifies your installation by including a 1¾˝ wide dress trim that hides the opening—no finish carpentry. Black finish.

System 300—Adds 4¼˝ to overall size of screen; reduces clear viewing area by 1˝ in each dimension. Black or clear anodized finish.

System 200—Same sturdy design as the System 300, with slightly thinner extrusion for smaller screens. Black or clear anodized finish.

System 100—For smaller rear screens. Adds 1¾˝ to overall size of screen; reduces viewing area by ⅞˝ in each dimension. Black or clear anodized finish.