



# BARLO® CAST

vision

Product information



# BARLO CAST vision ...



One picture is worth a thousand words- this phrase could define the "media age" in which we live, with instant news video, Internet images and television advertising all having an impact on our lives. Now, imagine how your own product or company brand could appear using new technology to carry your message to a wider audience. The problem is how to stand out in a world of fast moving images and information.

BARLO CAST vision is a new product that will enable you to place your message directly in front of your audience, using projection techniques tailored to the environment.

More and more products are marketed using audio-visual presentations, but often there is not enough space to place a projector to allow a clear view of your show!

This is where BARLO CAST vision is the perfect screen choice, with three variants to provide the ultimate presentation on screen.

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## PRODUCT INFORMATION

BARLO CAST vision is produced using BARLO CAST acrylic, which is well known for its high quality and optical excellence.

BARLO CAST vision is produced using the same technology as regular CAST sheets, but with special finishing methods to provide the characteristics that make it suitable for use in projection applications.

The entire BARLO CAST acrylic range of products offers ease of fabrication and installation, and a stable, lightweight alternative to traditional glass.

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## TECHNICAL INFORMATION

- Made from high quality BARLO CAST acrylic sheet
- Neutral grey colour allows natural colour reproduction under varying lighting conditions
- Elimination of "hot spots" caused by conventional screen/projector set up.
- Different gain characteristics mean that the best screen is always used for the application. Choose high gain for "head on" viewing or low gain type for varying angles of view. (Gain is a measure of the brightness of a screen compared to a standard white matt screen)
- Rigid screen construction eliminates risk of damage or vandalism that can occur with material screens
- BARLO CAST vision can be laser cut to almost any shape - allowing designers to break free from the usual rectangular viewing screen format.
- BARLO CAST vision can also be curved, giving further design possibilities and widening visual angle.

# a plastic sheet solution for the audio visual market

## APPLICATIONS

BARLO CAST vision is available in three variants to provide the best choice to suit your viewing requirements.

- Vision front: used for front projection, the most commonly used method, where the projector throws images forward on to a screen for an audience to view. The audience must sit between the screen and projector.
- Vision rear\*: when using this sheet, the projector is hidden behind the screen, so no interruptions to the image can occur and projector noise is minimised. This technique is becoming increasingly popular for use at exhibitions and events with a larger audience.
- Vision through\*: this special product is an almost transparent sheet that allows the projection of images but also permits a clear view through the sheet in zones where no image is projected. This screen has a very low contrast and it would be the right choice in areas with low ambient light.

\*This technique is only suitable for images that do not contain text, as letters and numbers will be reversed on one face of the screen.

For full technical and application information, please refer to the BARLO CAST vision data sheet.



## INSTALLATION GUIDELINES

As a rule of thumb, the following indications should be considered when installing a projection screen:

- Distance from the projector to the screen depends on the screen size and the projector itself. As illustrative values:

Screen size	Viewing Distance
50"	1.5-2.0m
100"	2.6-4.5m
120"	2.6-5.0m

- Viewers' line of vision should be 1/3 of the height from the bottom of the screen.

These are only suggestions; space considerations will determine actual distances.

## PRODUCT RANGE

Reference	Features	Dimensions	Sheets per pallet		
			Thickness in mm		
			4	5	6
3014 ARF	Vision front	3050 x 2030	30	•	•
3014 ARD	Vision front	3050 x 2030	•	•	•
2950 ARD	Vision rear	3050 x 2030	30	•	•
2950 ARF	Vision rear	3050 x 2030	30	•	•
2051	Vision through	3050 x 2030	30	•	•

- Produced to special order only



## YOUR POINT OF CONTACT :

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[www.quinn-plastics.com](http://www.quinn-plastics.com)

Quinn Plastics is the producer of a range of thermoplastic sheets, marketed under the BARLO product name.

Quinn Plastics offers a wide range of plastic sheets which give the widest choice to the industry as far as gauge, size, pattern, colour, coating and opacity are concerned.



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